acer
explore beyond limits™

Built to Adapt and Endure

Acer Business Solutions

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Specifications may change. Product and pictures may vary.
Features vary depending on model.

Global Acer

Established in 1976, Acer is a hardware + software + services company dedicated to the research, design, marketing, sale and support of innovative products that enhance people's lives. Acer's product offering includes PCs, displays, projectors, servers, tablets and smartphones — tools our customers need to explore beyond limits and experience more. Acer employs 7,400 people and ranks No. 4 for total PCs globally (IDC 2013). Revenues for 2013 reached US$12.02 billion. Please visit www.acer.com for more information.

1976

Multitech

Multitech is started with US$25,000 in capital and 11 employees.

1987

The Acer name is adopted.

1988

Acer Inc. launches its IPO.

1998

As the official IT sponsor of the 13th Asian Games in Bangkok, Acer introduces the world's first PC-based management system for a major international sporting event.

2000

Acer spins off its OEM manufacturing business units.

2002

Acer launches the award-winning TravelMate C100, the world's first convertible tablet PC.

2006

Acer becomes Sponsor of Scuderia Ferrari.

2007

Gateway

Acer acquires Gateway, Inc.

2008

packard bell

Acer completes the acquisition of Packard Bell, Inc. and E-ten InfoSystems Co. Ltd.

2010

- As a Worldwide TOP Partner of the Vancouver 2010 Olympic Winter Games, Acer provides over 6,500 pieces of computing equipment and more than 100 engineers and technicians to flawlessly support the management of this complex 16-day sporting event.
- Acer wins contract to supply Taiwan's National Center of High-Performance Computing with 630 servers; the system ranked among the top 50 supercomputer systems in the world in June 2011.
- Acer launches its green Timeline notebook series – free from PVC and BFR materials.

2011

- Acer introduces new security and manageability software solutions for commercial products.
- Acer launches a new logo that complements its strategic direction and better conveys our brand philosophy.
- Acer debuts its first Ultrabook™ – the Aspire S3.

2012

- Acer provides 13,500 desktops; 2,900 notebooks; 950 servers and storage systems; and 13,000 computer monitors to run the information system for the London 2012 Olympic Games.
- Acer and Velocite bring high-performance computing to computer-aided design and simulation in bicycle manufacturing.

2013

BYOC build your own cloud

- Acer announces Build Your Own Cloud (BYOC™) and begins transition to a Hardware + Software + Services company.
- LED-backlit monitors made with post-consumer recycled plastic cases introduced to the commercial range.
- Acer's commercial product range expanded with new Veriton P workstations and Altos servers, including models powered by Intel® Xeon® E5-2600 v2 Series Processors.

Why Choose Acer?

A comprehensive product range

Acer provides a full scope of hardware and software products to meet the demands of today's business environment, and offers innovative ways to manage business assets. Our complete product portfolio includes servers, desktops, notebooks, tablets, smartphones, monitors and projectors.

Environmentally and socially responsible

For Acer, embracing corporate sustainability means being a successful worldwide IT company with triple-bottom-line achievement in terms of well-balanced performance economically, environmentally and socially. While pursuing financial growth, Acer actively works to fulfill its corporate responsibility by protecting the environment and helping to advance global society.

Reliable, secure products

Acer business products are made to last, as they pack innovative reliability features that resist everyday wear and tear. Acer also conducts a series of reliability tests on its commercial PCs, using one of the most stringent sets of criteria in the industry. Acer's proven testing program ensures the highest product quality and reliability.

Leading Corporate Sustainability

Working together for a sustainable environment

As a multinational enterprise, Acer fully understands that sustainable development can be carried out successfully only with the cooperation of stakeholders of all kinds. We hope to exercise our influence as an ICT industry leader and help the industry enhance its ability to effectively handle the issue of sustainability.

Acer commits to:

- *Supporting global efforts to reduce greenhouse gas emissions, and adopting a solid climate policy framework.*
- *Meeting worldwide standards for labor and human rights by ensuring that our supply chain adheres to the Electronic Industry Citizenship Coalition (EICC) Code of Conduct.*
- *Adopting a precautionary principle by not only complying with regulations, but innovating greener designs and methods throughout the product lifecycle. Especially serious attention is paid to the use of chemical substances and developing energy-efficient technologies.*

Supply chain management

To create a sustainable environment, Acer demands that its suppliers comply with the local regulations where they have business presence and follow the EICC (Electronic Industry Citizenship Coalition) Code of Conduct. Acer's suppliers must ensure that upstream suppliers comply with the Code as well. Acer suppliers must also exercise due diligence based on recognized standards for the source and chain of custody of conflict materials such as tantalum, tin, tungsten and gold. Acer collaborates with third-party auditors for onsite auditing.

Green product design

Acer's product designs not only take into consideration users' needs, but also ways to reduce environmental loading from the outset of production. Environmentally friendly design can be divided into three categories: materials, energy efficiency, and recycling. Acer's Green Product Policy covers the following:

- *Product lifecycle: Acer delivers quality products that are energy- and resource-efficient, low in pollutants and hazardous substances, and easy to recycle.*
- *Green purchasing and communication with suppliers: Acer has established a green supply chain that is thoroughly in line with international environmental trends, such as responsible sourcing of minerals and capitalizing on low-carbon business opportunities.*

Acer uses materials responsibly to produce eco-conscious products that follow HSF (Hazardous Substance Free) best practices. We comply with all regulatory standards concerning particular chemical substances. Acer also goes above and beyond in terms of energy efficiency by meeting many voluntary standards put forth by environmentally focused organizations. What's more, Acer employs design principles that emphasize modularization and make our products easy to dismantle and recycle.

Awards and recognition

Acer was recognized with the Taiwan Top 50 Corporate Sustainability. Reporting Award and the Sustainable Development Performance first class award in the category of "Climate Leadership", commending our efforts to reduce the impact of our and our suppliers' operations on climate change. Acer also received a second class award in the category of "Creative CSR Communications" in recognition of our CSR Forum program of 5 years, and won Business Next magazine's 2013 annual Top Green Brands Award in the ICT category in Taiwan.

For information about Acer sustainability programs, please visit:
http://www.acer-group.com/public/Sustainability/index.htm

Acer Success Stories

National Center for High-Performance Computing

From 2010 to 2011, Acer's eDataCenter (eDC) team took the lead on technical consultancy and implementation for Taiwan's National Center for High-Performance Computing (NCHC), including everything from facility flooring to cluster installation and performance tuning.

The NCHC provides high-performance computing (HPC) services to local research institutions, and partners with government bodies for joint research in areas as diverse as molecular biology and earthquake simulation.

The NCHC ranked number 42 on the TOP500 List with an overall performance of 177 TFLOPS in June 2011,* making it among the most powerful commercially available computer systems known.

NCHC performance

- 512 computing nodes
- 32 large memory nodes
- 25,600 dedicated computing cores
- 340+ GFLOPS per computing node

Results

- One of the world's fastest supercomputers
- World-class enterprise-level datacenter

° For the complete report, please visit: http://www.top500.org/list/2011/06/

Acer and Velocite bring High-Performance Computing to Bicycle Manufacturing

Acer is bringing high-performance computing (HPC) to computer-aided design and simulation in bicycle manufacturing. Acer AT350 F2 high-end servers are used to conduct research and tests by Velocite, maker of high-performance bikes and components.

Advances in carbon fiber and aerodynamics of high-end racing bicycles can be achieved through computer-aided design and simulation. Using the Acer AT350 F2 server, Velocite CEO Victor Major has demonstrated the airflow being run across Velocite's latest bike frame, Helios, in real time, allowing design improvements to be made during simulation, saving time and cost.

In addition to bike design, Acer servers are used in HPC applications ranging from manufacturing, car design and simulation, to scientific research and weather modeling.

Award Winning Engineering and Design

Acer products have been recognized and awarded numerous times for functionality, innovation, market potential, and environment-friendliness.

The Acer TravelMate P645 is a business-friendly notebook featuring a speedy Intel® Core™ processor, 14" Full HD display with IPS technology, and a lightweight design that includes carbon fiber and an magnesium-aluminum (Mg-Al) alloy. This notebook delivers an array of durability and security features, a long battery life, and expandability from the optional ProDock through a single dependable connection. Its innovative design received the prestigious iF product design award, one of the most renowned design awards in the world.

The Acer K137 projector was also a recipient of the iF product design award, with its notable features including a pair of built-in 3W speakers with SRS WOW HD™ stereo enhancement and its ultra-portable design.

The Aspire R7, with its innovative Ezel™ hinge, stood out from among over 4000 entries in 19 categories to receive the Red Dot Award for outstanding design. The organization awards products that have an impact on worldwide markets due to design achievements.

The engineering and design innovations on the Aspire S7 Ultrabook™ received tremendous acclaim, winning the Best of Innovations Award at CES in 2014. The Aspire S7 was also recognized as an International CES Innovations 2013 Design and Engineering Award Honoree.

Acer's B6 Series monitors, made with post-consumer recycled plastic, were awarded the Green ICT Award at Computex in 2013 for their environment-friendliness. This award recognizes improvement in operational efficiency as well as the promotion of an environmentally responsible and sustainable society. Also, three models of the Acer V6 Series monitors won the 2014 Global Efficiency Medal for outstanding energy efficiency in their respective categories, awarded by SEAD.

product design award 2014

reddot award 2014 winner

INTERNATIONAL CES INNOVATIONS DESIGN AND ENGINEERING AWARDS 2014 HONOREE

2014 GLOBAL EFFICIENCY MEDAL SEAD

BC AWARD Green ICT 2013

Acer Education

Acer has identified key technical elements to be included in products when adapting them to the education market. Acer also fosters collaboration with other companies to offer complete solutions for the education environment.

- Acer has established a strategic partnership with European Schoolnet (EUN). EUN is a network of 31 ministries of education in Europe and growing, created 10 years ago to further innovation in teaching and learning.
- Acer is a partner in iTEC (Innovative Technologies for an Engaging Classroom), providing tools to digital classroom pilot programs in Italy, France, Spain, the United Kingdom, Germany and Turkey. A total of 10,000 students and teachers are involved in this program.

"It's not just about having technology; it's about having technology that keeps working, and that empowers our students and teachers. That's what Acer gives us. Their Premier Support has been wonderful and really helps give us peace of mind."

Nancy Caramanico, Technology Director
Archdiocese of Philadelphia (167 elementary schools, 17 high schools)

"It has been great working with Acer and Victoria University. Having evaluated different PCs, no other competitor has presented a device that met and exceeded all our requirements like the Acer Veriton L670."

Manuel Bervanakis, Associate Director of Client Services
Victoria University

Solutions for a Range of Professional Segments

Small Office Home Office

Build and grow your business

Notebooks	Desktops	Workstations	Monitors	Projectors	Servers
TravelMate P2	Veriton 2	Veriton P	B6 Series	X1 Series	Altos C100
TravelMate P4	Veriton 4		V6 Series	K3 Series	
TravelMate B	Veriton Z		CB0 Series	K1 Series	
				H5 Series	

Small and Medium Business

Proven solutions to meet professional demands

Notebooks	Desktops	Workstations	Monitors	Projectors	Servers
TravelMate P2	Veriton 2	Veriton P	B6 Series	P1 Series	Altos C100
TravelMate P4	Veriton 4		V6 Series	K3 Series	Altos T110
TravelMate P6	Veriton Z		CB0 Series	K1 Series	Altos T310
TravelMate B				H7 Series	Altos T350
				H6 Series	Altos R360
					Altos R380

Enterprise

Precision tools and solutions tailored for enterprises

Notebooks	Desktops	Workstations	Monitors	Projectors	Servers
TravelMate P4	Veriton 4	Veriton P	B6 Series	P7 Series	Altos T350
TravelMate P6	Veriton 6		V6 Series	P5 Series	Altos R360
	Veriton Z		CB0 Series	H9 Series	Altos R380
					AW2000h
					AR580

Education

Enhanced learning through technology

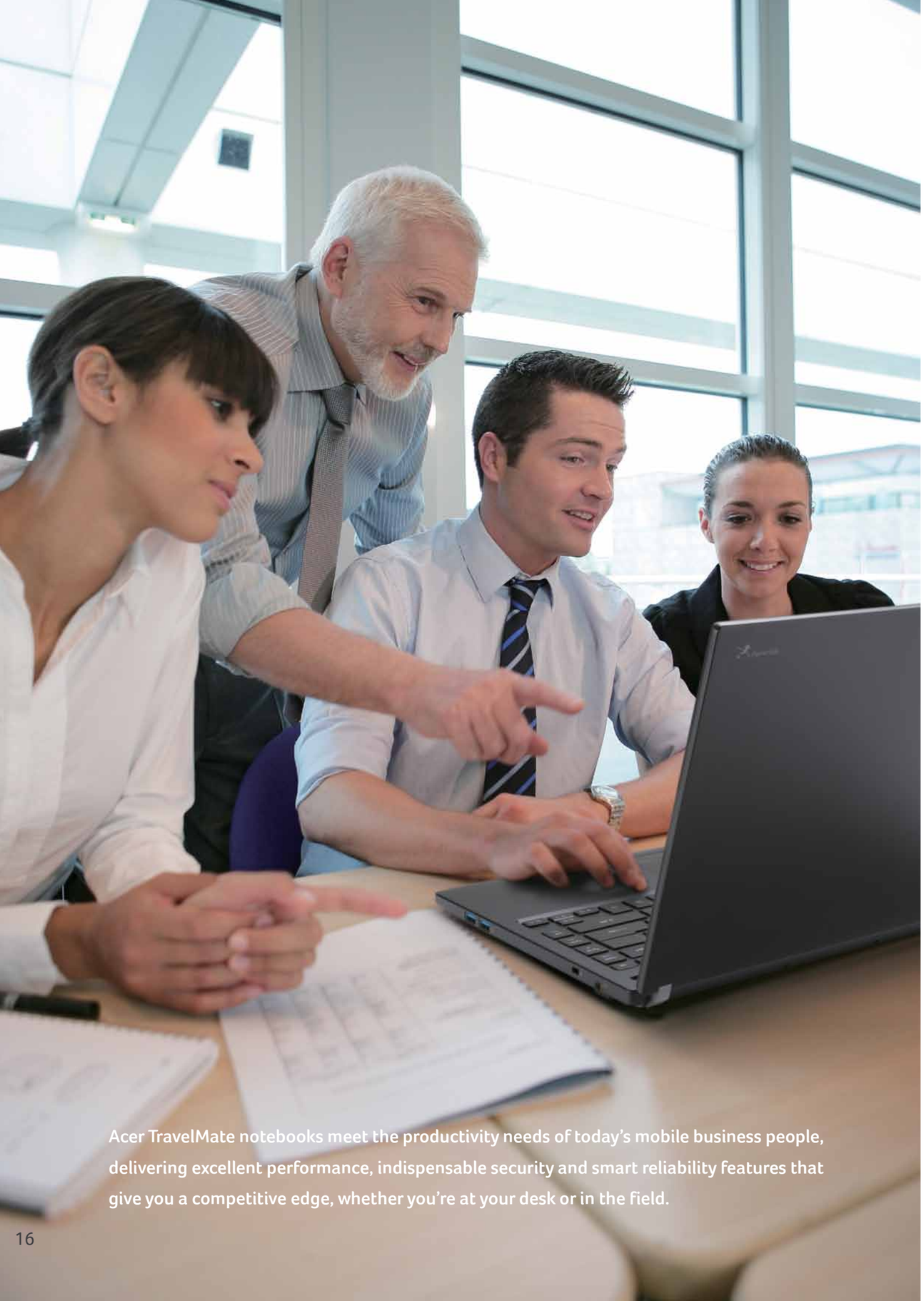
Notebooks	Desktops	Workstations	Monitors	Projectors	Servers
TravelMate P2	Veriton 2	Veriton P	B6 Series	U5 Series	Altos C100
TravelMate B	Veriton 4		V6 Series	S1 Series	Altos T110
Chromebook	Veriton 6		CB0 Series		Altos T350
	Veriton Z				Altos R360
	Chromebox				

Government

Total solutions for mission-critical success

Notebooks	Desktops	Workstations	Monitors	Projectors	Servers
TravelMate P2	Veriton 2	Veriton P	B6 Series	P7 Series	Altos T110
TravelMate P4	Veriton 4		V6 Series	P5 Series	Altos T310
TravelMate P6	Veriton 6		CB0 Series	P1 Series	Altos T350
TravelMate B	Veriton Z				Altos R360
					Altos R380
					AR320
					AR580

Proven performance and reliability on the go



Acer TravelMate notebooks meet the productivity needs of today's mobile business people, delivering excellent performance, indispensable security and smart reliability features that give you a competitive edge, whether you're at your desk or in the field.

ALL THE BUSINESS ESSENTIALS

Rock-solid performance

Acer TravelMate notebooks feature best-in-class components to meet the demands of your growing business. These include energy-efficient yet powerful processors, superior graphics solutions, everything you need for crisp video conferencing, and a variety of wired and wireless connectivity options that will keep you in the loop 24/7.

Robust manageability and security

Select TravelMate models feature Intel® vPro™ technology that allows you to remotely manage networked assets anytime, anywhere. The multi-level Acer ProShield security solution features TPM (Trusted Platform Module), the Acer BioProtection fingerprint reader, BIOS-level defenses and a built-in anti-theft solution to guard your valuable data at all times, for total peace of mind.

Long-term productivity and reliability

Built for long-lasting, dependable use, Acer TravelMate notebooks have undergone numerous reliability tests so you can optimize productivity and keep your TCO low. In addition, Acer DASP (Disk Anti-Shock Protection) absorbs shocks to cushion the notebook hard disk during travels, while a sleek and sturdy Mg-Al case adds further protection along with a professional look. To extend communication, storage and display capabilities, the handy Acer ProDock is available as an option.

Environmental protection

To protect the planet and future generations, Acer employs a precautionary principle by assessing potential hazards and chemical substances that may impact the environment and developing eco-smart products accordingly. Our TravelMate notebooks are no exception.

Acer TravelMate notebooks also meet ENERGY STAR® specifications, signifying energy efficiency and environmental safeguarding. EPEAT®*-registered models also help to reduce environmental impact, while RoHS and WEEE compliance keeps the planet clean via eco-conscious practices that restrict the use of hazardous substances and require reuse and recycling. In addition, TravelMate notebooks bear the prestigious GS Mark, having been tested and certified for safety.

Note: Specifications vary depending on model
* For EPEAT-registered models, please visit http://ww2.epeat.net/searchoptions.aspx

KEY TECHNOLOGIES & UTILITIES

Acer Purified.Voice

Acer Purified.Voice[1] optimizes your web conferences by filtering out typing noise, by keeping your volume levels consistent when you move away from the microphone, and by tracking your voice as you move around the room. With this technology, all conversations will be crystal clear so no important details are missed during web conferences.

HD webcams with HDR support

Acer TravelMate laptops feature HD webcams that support High Dynamic Range (HDR), which can capture and generate clear images and compensating for loss of detail in extremely bright or dark areas. This means you can still obtain image and video captures with well-balanced color even if you are in an area with poor lighting.

Contact Pickup

Business is about speed. Sharing your business contact info more easily frees you to expand your business networks faster. Contact Pickup[1] is designed to instantly save the contact information from the TravelMate to others' smartphones. Simply tap a NFC-equipped phone on the touchpad[1], or capture the QR code shown on Contact Pickup via any smartphone with a QR code reader, and complete the transmission within one second.

Fast-login options

Logging into the operating system is convenient on TravelMate laptops. In conjunction with traditional passwords, Fingerprint readers[1] offer quick and secure login with the press of a finger, while Tap Pass[1] lets you log in by simply tapping your NFC phone or Mifare card on the touchpad[1]. Alternatively, simply look into the built-in webcam to log in with facial recognition technology[1].

Carbon fiber and Mg-Al alloy covers

Selected TravelMate laptops feature carbon fiber top panels[1] and magnesium-aluminum (Mg-Al) alloy bottom panels[1] that work together perfectly to form a strong and protective exterior that is also thin and light, and give you peace of mind when on the go.

1 Specifications vary depending on model.
2 All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.

Disk Anti-Shock Protection (DASP)

Acer Disk Anti-Shock Protection (DASP)[1] cushions the hard drive in case the laptop is dropped. It is specially designed to absorb the shock of sudden impacts and thus protect fragile parts of the hard drive. This helps to keep the hard drive and all the data stored on it safe.

G-sensor FreeFall protection

The G-sensor FreeFall protection[1] detects when a laptop experiences a sudden fall, stops all hard-drive actions and parks the hard drive's read/write head, to ensure that impact-shock damage is minimized.

Acer DustDefender

Acer DustDefender[1] periodically reverses the airflow of the laptop's cooling fan to prevent dust buildup and prolong the life of both the fan and the laptop. With DustDefender[1], your TravelMate laptop's inside stays cool and clean, for prolonged component lifetimes and improved performance.

IPS displays

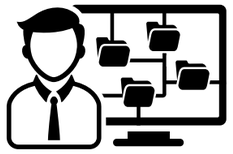
Selected TravelMate laptops are equipped with displays with In-Plane Switching (IPS) technology[1,2]. Colors and figures are shown consistently even from wide viewing angles, which allows business discussions over onscreen information to proceed more clearly and smoothly.

Three independent displays

TravelMate laptops support up to three independent displays[1], so you can split your display output between the laptop's built-in display and two external displays. This means you can use three displays to easily switch between different applications and edit multiple documents at the same time, for very convenient multitasking resulting in fast work rates and increased productivity.

Acer Office Manager

Acer Office Manager helps to easily manage and control your company's computers, from remotely configuring their system settings, enforcing corporate usage policies, asset monitoring, and receiving detailed reports, to deploying different usage limitations for each computer.

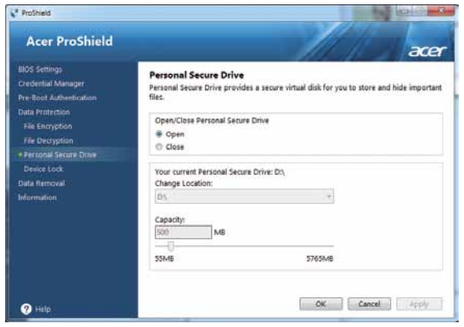


Acer Office Manager

Acer ProShield

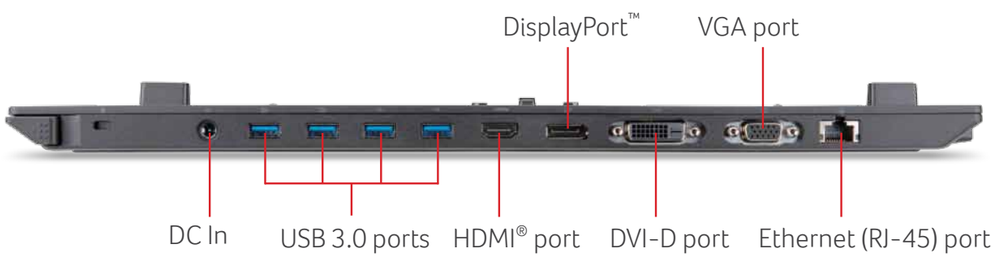
The Acer ProShield features an easy-to-understand user interface that lets you easily manage all the security features and applications that come pre-installed on TravelMate laptops. This all-encompassing suite protects both your computer and the data stored on it.

ProShield Security



Acer ProDock

Simply click your Acer TravelMate laptop onto a ProDock[1] to increase its expandability. The ProDock[1] has a wide range of input and output ports and lets you easily connect peripherals when you are at your seat – for working faster and more efficiently.



Intel® vPro™

Intel® vPro™ technology[1] addresses today's critical IT security needs through its comprehensive set of security, manageability, and productivity-enhancing capabilities. This technology is built into the new Intel® Core™ vPro™ processor family, Intel® chipsets, and network adapters to simplify and accelerate your response to these security challenges.

TPM 1.2

Trusted Platform Module (TPM) 1.2[1] is a hardware-based security platform that uses mechanisms like public-key cryptosystems to ensure that your computer and data are kept safe. By keeping track of the computer's system configuration, TPM is able to disable components that are removed from the system and installed in a different system, rendering any data stored on the component unreadable.

Optimized for Microsoft Lync

TravelMate laptops that are certified as "Optimized for Microsoft Lync"[1] empower workers to use all the tools and features of the Lync web-conferencing platform, without needing any USB peripherals. These machines are tested to deliver great audio and video, and feature optimal microphone and speaker placement.

Optimized for Lync

Precision Touchpads

TravelMate laptops come equipped with a Precision Touchpad[1] which supports Windows 8 Modern Touchpad gestures that make touch control as smooth and accurate as on a touchscreen.

1 Specifications vary depending on model.
2 All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.

Product Comparison

Model name	TravelMate P645-V	TravelMate P645-M	TravelMate P455
Product Photo			
Operating System	Windows 8.1 Pro Windows 8.1 Windows 7 Pro	Windows 8.1 Pro Windows 8.1 Windows 7 Pro	Windows 8.1 Pro Windows 8.1 Windows 7 Pro
Processor & Chipset	Intel® Core™ i7-4600U vPro™, i5-4350U vPro™, i3-4310U processors	Intel® Core™ i7-4510U, i5-4210U, i3-4010U, i3-4005U processors	Intel® Core™ i7-4510U, i5-4210U, i3-4030U, i3-4005U processors, Pentium® 3556U, Celeron® 2955U
Memory	4 GB DDR3L SDRAM, upgradable to 12 GB	4 GB DDR3L SDRAM, upgradable to 12 GB	4 GB DDR3L SDRAM, upgradable to 8 GB
Storage	HDD 320GB, 500GB, 1TB / SSD 120GB, 256 GB, SATA 6 Gb/s	HDD 320GB, 500GB, 1TB / SSD 120 GB, 256 GB, SATA 6 Gb/s	HDD 320GB, 500 GB, 1TB / SSD 128GB, 256GB
Optical Drive Type	No	No	8X DVD-Super Multi, M-DISC Ready™
Card Reader	Secure Digital (SD) Card	Secure Digital (SD) Card	Secure Digital (SD) Card
Display	14" Full HD 1920 x 1080 resolution, LED-backlit TFT LCD with IPS*** technology / 14" HD 1366 x 768 resolution Acer ComfyView™ LED-backlit TFT LCD	14" Full HD 1920 x 1080 resolution, LED-backlit TFT LCD with IPS*** technology / 14" HD 1366 x 768 resolution Acer ComfyView™ LED-backlit TFT LCD	15.6" Full HD 1920 x 1080 resolution, Acer ComfyView™ LED-backlit TFT LCD / 15.6" HD 1366 x 768 resolution, Acer ComfyView™ LED-backlit TFT LCD
Graphics	AMD Radeon™ HD 8750M[1] Intel® HD Graphics	AMD Radeon™ HD 8750M[1] Intel® HD Graphics	AMD Radeon™ HD 8750M[1] Intel® HD Graphics
Wireless LAN Standard	Intel® Centrino® Advanced-N 7260, 802.11a/b/g/n wireless LAN with Acer Nplify™	Intel® Centrino® Advanced-N 7260, 802.11a/b/g/n wireless LAN with Acer Nplify™	Intel® Centrino® Advanced-N 7260, 802.11a/b/g/n wireless LAN with Acer Nplify™
Ethernet Technology	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Webcam/ Microphone	Yes, HD webcam with HDR support	Yes, HD webcam with HDR support	Yes, HD webcam
Finger Print Reader	Yes	Yes	Yes
HDMI	Yes	Yes	Yes
Number of USB 3.0 Port/ Number of USB 2.0 Ports	3/0	3/0	1/2
VGA	Yes	Yes	Yes
Bundle softwares (top 5 Acer softwares)	Microsoft Office trial Acer ProShield Acer Office Manager Agent Contact Pickup[6] Acer Recovery Management	Microsoft Office trial Acer ProShield Acer Office Manager Agent Contact Pickup[6] Acer Recovery Management	Microsoft Office trial Acer ProShield Acer Office Manager Agent Acer Power Management Acer Recovery Management
Battery	54 Wh 4850 mAh 11.1 V 3-cell Li-polymer battery pack	54 Wh 4850 mAh 11.1 V 3-cell Li-polymer battery pack	37 Wh 2500 mAh 14.8 V 4-cell Li-ion battery pack
Maximum Battery Run Time	8 hours	8 hours	5.5 hours
Maximum Power Supply Wattage	3-pin 65 W HSF-type AC adapter	3-pin 65 W HSF-type AC adapter	65 W
Dimension	328.7 (W) x 235.5 (D) x 20.8 (H) mm (12.94 x 9.27 x 0.82 inches)	328.7 (W) x 235.5 (D) x 20.8 (H) mm (12.94 x 9.27 x 0.82 inches)	381.6 (W) x 256 (D) x 12.07/25.4 (H) mm (15.02 x 10.08 x 0.48/1 inches)
Weight	1.5 kg (3.31 lbs.) with 3-cell battery pack with SSD / 1.6 kg (3.53 lbs.) with 3-cell battery pack with one HDD	1.5 kg (3.31 lbs.) with 3-cell battery pack with SSD / 1.6 kg (3.53 lbs.) with 3-cell battery pack with one HDD	2.4 kg (5.29 lbs.) with 4-cell battery pack
Green Compliance Certificate/Authority	EPEAT®**, GS, HSF, ENERGY STAR®, Mobile PC 2002, ACPI 3.0	EPEAT®**, GS, HSF, ENERGY STAR®, Mobile PC 2002, ACPI 3.0	EPEAT®**, ENERGY STAR®,
Accessories	3-pin 65 W HSF AC adapter, 2 / 4 GB DDR3 soDIMM module, Acer ProDock	3-pin 65 W HSF AC adapter, 2 / 4 GB DDR3 soDIMM module, Acer ProDock	3-pin 65 W AC adapter, 37 Wh 2500 mAh 14.8 V 4-cell Li-ion battery pack, 320 / 500 / 750 GB HDD, 2 / 4 GB DDR3 soDIMM module

Model name	TravelMate P276	TravelMate P256	TravelMate P253
Product Photo			
Operating System	Windows 8.1 Pro Windows 8.1 Windows 7 Pro	Windows 8.1 Pro Windows 8.1 Windows 7 Pro	Windows 8.1 Pro Windows 8.1 Windows 7 Pro
Processor & Chipset	Intel® Core™ i7-4510U, i5-4210U, i3-4030U, i3-4005U, Pentium® 3556U processors	Intel® Core i7-4510U, i5-4210U, i3-4030U, i3-4005U, Pentium® 3556U, Celeron® 2957U processors	Intel® Core™ i7-3632QM, i5-3230M, i3-3120M processors
Memory	8 GB DDR3L SDRAM, upgradable to 16 GB	8 GB DDR3L SDRAM, upgradable to 16 GB	8 GB DDR3 SDRAM1 / 4 GB DDR3 SDRAM, upgradable to 8 GB[2]
Storage	HDD 500 GB, 1 TB / SSD to 128 GB, SATA 6 Gb/s	HDD 500 GB, 1 TB	HDD 320 GB, 500 GB, 750 GB
Optical Drive Type	8X DVD-Super Multi, M-DISC Ready™	8X DVD-Super Multi, M-DISC Ready™	8X DVD-Super Multi
Card Reader	Secure Digital (SD) Card	ecure Digital (SD) Card	Secure Digital (SD) Card
Display	17.3" HD+ 1600 x 900 resolution, Acer ComfyView™ LED-backlit TFT LCD	15.6" Full HD 1920 x 1080 resolution, Acer ComfyView™ LED backlit TFT LCD / 15.6" HD 1366 x 768 resolution, Acer ComfyView™ LED backlit TFT LCD	15.6" HD 1366 x 768 resolution, Acer CineCrystal LED backlit TFT LCD
Graphics	NVIDIA® GeForce® 840M[1] NVIDIA® GeForce® 820M[1] Intel® HD Graphics	NVIDIA® GeForce® 840M[1] NVIDIA® GeForce® 820M[1] Intel® HD Graphics	NVIDIA® GeForce® 840M[1] NVIDIA® GeForce® 820M[1] Intel® HD Graphics
Wireless LAN Standard	Intel® Centrino® Advanced-N 7260, 802.11a/b/g/n wireless LAN with Acer Nplify™	Intel® Centrino® Advanced-N 7260, 802.11a/b/g/n wireless LAN with Acer Nplify™	Acer InviLink™ Nplify™ 802.11b/g/n wireless LAN
Ethernet Technology	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Webcam/ Microphone	Yes, HD webcam with HDR support	Yes, HD webcam with HDR support	Yes, HD webcam
Finger Print Reader	No	No	No
HDMI	Yes	Yes	Yes
Number of USB 3.0 Port/ Number of USB 2.0 Ports	1/2	1/2	1/2
VGA	Yes	Yes	Yes
Bundle softwares (top 5 Acer softwares)	Microsoft Office trial Acer ProShield Acer Office Manager Agent Contact Pickup[6] Acer Recovery Management	Microsoft Office trial Acer ProShield Acer Office Manager Agent Contact Pickup[6] Acer Recovery Management	Microsoft Office trial Acer Office Manager Agent Acer Power Management Acer Recovery Management Acer Updater
Battery	48 Wh 3220 mAh 15.2 V 4-cell Li-polymer battery pack	56 Wh 5000 mAh 11.1 V 6-cell Li-ion	48 Wh 4400 mAh 11.1 V 6-cell Li-ion battery pack
Maximum Battery Run Time	6.5 hours[1] / 7.5 hours[2]	7 hours	3 hours[1] / 4 hours[2]
Maximum Power Supply Wattage	90 W[1] / 65 W[2]	65 W[1] / 40 W[2]	90 W[1] / 65 W[2]
Dimension	423.32 (W) x 289.91 (D) x 27.99/30.39 (H) mm (16.67 x 11.41 x 1.1/1.2 inches)	381.6 (W) x 256 (D) x 25.3/30.4 (H) mm (15.02 x 10.08 x 1/1.2 inches)	381.6 (W) 253 (D) 25.4/33.2 (H) mm (15.02 x 9.96 x 1/1.31 inches)
Weight	3.0 kg (6.61 lbs) with 4-cell battery pack	2.5 kg (5.51 lbs.) with 6-cell battery pack	2.6 kg (5.73 lbs.) with 6-cell battery pack
Green Compliance Certificate/Authority	EPEAT®**, ENERGY STAR®	EPEAT®**, ENERGY STAR®, ACPI 3.0	EPEAT®**, ENERGY STAR®
Accessories	3-pin 65 W AC adapter[1] / 3-pin 40 W AC adapter[2]	3-pin 65 W I48AC adapter, 56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack[1] / 3-pin 40 W AC adapter[2]	48 Wh 4400 mAh 11.1 V 6-cell Li-ion battery pack, 3-pin 65 W AC adapter, 2 / 4 GB DDR3 soDIMM module

*Specifications vary depending on model. Bundled software may vary depending on hardware configuration, OS and regional availability.
**EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.
***All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
1. For models with discrete graphics
2. For models with non-discrete graphics
3. For non-touch models only
4. For touch models only
5. Specifications vary depending on models.
6. For models with Windows 8.1 Pro and Windows 8.1

Product Comparison

Model name	TravelMate P246	TravelMate P243	TravelMate B115
Product Photo			
Operating System	Windows 8.1 Pro Windows 8.1 Windows 7 Pro	Windows 8.1 Pro Windows 8.1 Windows 7 Pro	Windows 8.1 Pro Windows 8.1 Windows 7 Pro
Processor & Chipset	Intel® Core™ i5-4210U, i3-4030U, i3-4005U, Pentium® 3556U, Celeron® 2957U processors	Intel® Core™, i5-3320M, i3-3130U, Pentium® 2030M, Celeron® 1005M processors	Intel® Pentium® N3530, Celeron® N2930, Celeron® N2830 processors
Memory	8 GB of DDR3L SDRAM, upgradable to 16 GB	4 GB of DDR3 SDRAM, upgradable to 8 GB	8 GB of DDR3L SDRAM
Storage	HDD 320 GB, 500 GB, 750 GB, 1 TB	HDD 320 GB, 500 GB, 750 GB	HDD 320 GB, 500 GB, 1TB SSD 128 GB
Optical Drive Type	8X DVD-Super Multi, M-DISC Ready™	4X Blu-ray Disc™ / DVD-Super Multi 8X DVD-Super Multi	N/A
Card Reader	Secure Digital (SD) Card	Secure Digital (SD) Card	Secure Digital (SD) Card
Display	14" HD 1366 x 768 resolution Acer ComfyView™ LED-backlit TFT LCD	14" HD 1366 x 768 resolution Acer CineCrystal™ LED-backlit TFT LCD / 14" HD 1366 x 768 resolution Acer ComfyView™ LED-backlit TFT LCD	11.6" HD 1366 x 768 resolution, Acer ComfyView™ LED backlit TFT LCD with integrated multi-touch, supporting 10-finger touch 11.6" HD 1366 x 768 resolution, Acer ComfyView™ LED backlit TFT LCD
Graphics	NVIDIA® GeForce® 840M[1] NVIDIA® GeForce® 820M[1] Intel® HD Graphics	NVIDIA® GeForce® GT 630M[1] Intel® HD Graphics	Intel® HD Graphics
Wireless LAN Standard	Intel® Centrino® Advanced-N 7260, 802.11a/b/g/n wireless LAN with Acer Nplify™	Acer InviLink™ Nplify™ 802.11b/g/n wireless LAN	Intel® Centrino® Advanced-N 7260, 802.11a/b/g/n wireless LAN with Acer Nplify™
Ethernet Technology	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Webcam/ Microphone	Yes, HD webcam with HDR support	Yes, HD webcam	Yes, HD webcam with HDR support
Finger Print Reader	No	No	No
HDMI	Yes	Yes	Yes
Number of USB 3.0 Port/ Number of USB 2.0 Ports	1/2	1/2	1/2
VGA	Yes	Yes	No
Bundle softwares (top 5 Acer softwares)	Microsoft Office trial Acer ProShield Acer Office Manager Agent Contact Pickup[6] Acer Recovery Management	Microsoft Office trial Acer ProShield Acer Office Manager Agent Acer Power Management Acer Recovery Management	Microsoft Office 2013 Acer ProShield Acer Office Manager Agent Acer Touch Tools Contact Pickup[6]
Battery	56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack	48 Wh 4400 mAh 11.1 V 6-cell Li-ion battery pack	48 Wh 3220 mAh 15.2 V 4-cell Li-ion battery pack
Maximum Battery Run Time	9 hours[1] / 9.5 hours[2]	2.5 hours	7 hours
Maximum Power Supply Wattage	65W[1] / 40W[2]	90 W[1] / 65 W[2]	40 W
Dimension	346 (W) x 248 (D) x 25.3/30.4 (H) mm (13.62 x 9.76 x 1/1.2 inches)	342 (W) 245 (D) 27.8/34.1 (H) mm (13.46 x 9.65 x 1.09/1.34 inches)	291 (w) x 211 (D) x 21.2 (H) mm (11.46 x 8.31 x 0.83 inches)[3] / 291 (w) x 211 (D) x 21.7 (H) mm (11.46 x 8.31 x 0.85 inches)[4]
Weight	2.1 kg (4.63 lbs.) with 6-cell battery pack	2.2 kg (4.85 lbs.) with 6-cell battery pack	1.32 kg (2.91 lbs.) with 4-cell battery pack[3] / 1.39 kg (3.06 lbs.) with 4-cell battery pack[4]
Green Compliance Certificate/Authority	EPEAT®°°, ENERGY STAR®, ACPI 3.0	EPEAT®°°, ENERGY STAR®	EPEAT®°°, ENERGY STAR®
Accessories	3-pin 65 W AC adapter[1] 3-pin 40 W AC adapter[2]	3-pin 65 W AC adapter[1] 3-pin 90 W AC adapter[2]	3-pin 40 W AC adapter Protection cover / HDMI-VGA converter

Model name	TravelMate B113	Extensa 2510	Extensa 2509
Product Photo			
Operating System	Windows 8.1 Pro Windows 8.1 Windows 7 Pro	Windows 8.1	Windows 8.1
Processor & Chipset	Intel® Core™ i5-3337U, i3-3227U, i3-2377M, Pentium® 2127U, Celeron® 1017U processors	Intel® Core™ i7-4510U, i5-4210U, i3-4030U processorss	Intel® Pentium® N3530, Celeron® 2930, N2830
Memory	4 GB of DDR3 SDRAM, upgradable to 8 GB	8 GB of DDR3 SDRAM, upgradable to 16 GB	8 GB of DDR3 SDRAM
Storage	HDD 320GB, 500 GB	HDD up to 500 GB, 1 TB	HDD up to 320 GB, 500 GB, 1 TB
Optical Drive Type	N/A	8X DVD-Super Multi, M-DISC Ready™	8X DVD-Super Multi, M-DISC Ready™
Card Reader	Secure Digital (SD) Card	Secure Digital (SD) Card	Secure Digital (SD) Card
Display	11.6" HD 1366 x 768 resolution, Acer CineCrystal™ LED-backlit TFT LCD / 11.6" HD 1366 x 768 resolution, Acer ComfyView™ LED-backlit TFT LCD	15.6" Full HD 1920 x 1080 resolution, Acer ComfyView™ LED backlit TFT LCD / 15.6" HD 1366 x 768 resolution, Acer ComfyView™ LED-backlit TFT LCD	15.6" HD 1366 x 768 resolution, Acer ComfyView™ LED backlit TFT LCD
Graphics	Intel® HD Graphics	NVIDIA® GeForce® 820M Intel® HD Graphics 4400	Intel® HD Graphics
Wireless LAN Standard	Acer InviLink™ Nplify™ 802.11b/g/n wireless LAN	Acer InviLink™ Nplify™ 802.11b/g/n wireless LAN	Acer InviLink™ Nplify™ 802.11b/g/n wireless LAN
Ethernet Technology	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Webcam/ Microphone	Yes, HD webcam	Yes, HD webcam with HDR support	Yes, HD webcam with HDR support
Finger Print Reader	No	No	No
HDMI	Yes	Yes	Yes
Number of USB 3.0 Port/ Number of USB 2.0 Ports	1/2 [5]	1/2	1/2
VGA	Yes	Yes	Yes
Bundle softwares (top 5 Acer softwares)	Microsoft Office trial Acer ProShield Acer Office Manager Agent Acer Power Management Acer Recovery Management	Acer Recovery Management Acer Power Management Acer Screen Grasp Acer Remote File Acer Docs	Acer Recovery Management Acer Power Management Acer Screen Grasp Acer Remote File Acer Docs
Battery	56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack, 37 Wh 2500 mAh 14.8 V 4-cell Li-ion battery pack	56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack	56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack
Maximum Battery Run Time	Up to 7.5 hours (6-cell battery pack) / Up to 5 hours (4-cell battery pack)	7 hours	7 hours
Maximum Power Supply Wattage	40 W	65 W1 / 40 W2	40 W
Dimension	285 (W) x 202 (D) x 20.95/27.35 (H) mm (11.22 x 7.95 x 0.82/1.08 inches)	381.6 (W) x 256 (D) x 25.3/30.4 (H) mm (15.02 x 10.08 x 1/1.2 inches)	381.6 (W) x 256 (D) x 25.3/30.3 (H) mm (15.02 x 10.08 x 1/1.19 inches)
Weight	1.38 kg (3.04 lbs.) with 4-cell battery pack / 1.48 kg (3.26 lbs.) with 6-cell battery pack	2.5 kg (5.51 lbs.) with 6-cell battery pack	2.5 kg (5.51 lbs.) with 6-cell battery pack
Green Compliance Certificate/Authority	EPEAT®°°, ENERGY STAR®	ENERGY STAR®, ACPI 3.0, Wi-Fi®	ENERGY STAR®, Wi-Fi®
Accessories	2 / 4 GB DDR3 soDIMM module, 56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack, 37 Wh 2500 mAh 14.8 V 4-cell Li-ion battery pack, 2-pin 40 W MiniGo AC adapter	3-pin 40 W AC adapter, 56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack	3-pin 40 W AC adapter, 56 Wh 5000 mAh 11.1 V 6-cell Li-ion battery pack

°Specifications vary depending on model. Bundled software may vary depending on hardware configuration, OS and regional availability.
°°EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.
°°°All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
1. For models with discrete graphics 2. For models with non-discrete graphics 3. For non-touch models only
4. For touch models only 5. Specifications vary depending on models. 6. For models with Windows 8.1 Pro and Windows 8.1

Product Comparison

Model name	C720P
Product Photo	
Operating System	Chrome OS
Processor & Chipset	Intel® Core™ i3-4005U[3], Celeron® 2957U[3], 2955U processors
Memory	2 / 4 GB of onboard DDR3 SDRAM
Storage	SSD up to 16/32 GB, SATA 6 Gb/s
Optical Drive Type	N/A
Card Reader	Secure Digital (SD) Card
Display	11.6" HD 1366 x 768 resolution, Acer ComfyView™ LED backlit TFT LCD with integrated 10-point touch / 11.6" HD 1366 x 768 resolution, Acer ComfyView™ LED backlit TFT LCD
Graphics	Intel® HD Graphics 4400[3] Intel® HD Graphics
Wireless LAN Standard	Acer InviLink™ Nplify™ 802.11a/b/g/n wireless LAN
Ethernet Technology	N/A
Webcam/ Microphone	Yes, HD webcam with HDR support
Finger Print Reader	No
HDMI	Yes
Number of USB 3.0 Port/ Number of USB 2.0 Ports	1/1
VGA	No
Bundle softwares (top 5 Acer softwares)	N/A
Battery	45 Wh 3950 mAh 11.25 V 3-cell Li-polymer battery pack
Maximum Battery Run Time	7.5 hours[1] / 8.5 hours[2]
Maximum Power Supply Wattage	65 W
Dimension	C720P: 288 (W) x 204 (D) x 19.05 (H) mm (11.34 x 8.03 x 0.75 inches) C720: 288 (W) x 204 (D) x 19.85 (H) mm (11.34 x 8.03 x 0.78 inches)
Weight	1.35 kg (2.98 lbs.) with 3-cell battery pack, one SSD[2] / 1.25 kg (2.76 lbs.) with 3-cell battery pack, one SSD[1]
Green Compliance Certificate/Authority	N/A
Accessories	N/A

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2. For models with non-discrete graphics
3. For non-touch models only
4. For touch models only
5. Specifications vary depending on models.
6. For models with Windows 8.1 Pro and Windows 8.1

Dependable performance, reliable solutions

ALL THE BUSINESS ESSENTIALS

Performance to depend on

Only best-in-class components are used in Acer Veriton desktops. You can run multiple applications at the same time via a wide range of powerful yet energy-efficient processors. Superior graphics solutions help you create convincing presentations. And, available expansion bays allow for flexible configurations to meet the growing needs of your business.

Convenient manageability, resilient security

Select models featuring Intel® vPro™ technology integrate reliable hardware-based security with remote maintenance capabilities. The multi-level Acer ProShield Security solution features a TPM 1.2-compliant design, BIOS-level defenses and a built-in anti-theft solution to safeguard your information from unauthorized access.

Solid capacitor design for high reliability

A 100% solid capacitor design on select models provides even more stability, reliability and longevity to power the latest high-end processors and components. The new solid capacitors boast a lifespan up to six times longer than electrolytic counterparts; they also generate less heat, ensuring that your system stays up and running.

Eco-friendly outlook

Meeting standards for ENERGY STAR® 5.2, EPEAT® Gold/Silver*, RoHS and WEEE, Acer Veriton desktops conserve resources and save you money. Rest assured that Veriton PC components are free of hazardous substances, so they're good for you and the environment. These desktops also bear the prestigious GS Mark, having been tested and certified for safety.

Note: Specifications vary depending on model
* For EPEAT-registered models, please visit http://ww2.epeat.net/searchoptions.asp

Top-notch performance and reliable security solutions make Acer Veriton desktop PCs ideal for successfully running your business. In addition, all Veritons comply with industry environmental standards, saving energy and reducing costs.

KEY TECHNOLOGIES & UTILITIES

Adjustable, retractable webcams

The Veriton Z all-in-one PC is equipped with an adjustable webcam that can be flipped 180°, from front-facing to rear-facing. This is great when you need to record images or video of people on the other side of the desk, but still retains the flexibility of effortlessly flipping back to the user-facing position. The retractable design[1] lets you pull out the webcam when it's in use, and press it down when you're finished.

Acer ErgoStand

The Veriton Z all-in-one PC can be fitted with the ErgoStand stand[1], which lets you tilt the Veriton Z forwards or backwards and adjust the height for more ergonomic placement at work. You can even rotate it from landscape to portrait mode if you need to show contents in their native orientation. Discussions regarding the onscreen content can easily happen, as you can swivel the display up to 120° to face your audience[1]. The innovative hinge design lets all the actions be easily accomplished with just one hand.

[1] All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.

The modular design

The new Veriton N desktops are very compact and can be attached to the back of display panels. They feature a modular design— the primary module serves as the main system and provides necessary connections for work, and various module options allow you to add more input and output ports, a discrete graphics[1] card or DVD drive[1], so you can pick and choose what you need when placing an order. The optional modules can be attached to the side or on top of the primary module to deliver a consistent and professional appearance.

The tool-less design

The Veriton Z all-in-one PC comes with a screwless back cover, so you can easily clip it off to maintain and replace internal components. Key components in selected models that are more frequently upgraded are designed with handles, bracket-clips and easy-slide carriers, ensuring any servicing of your Veriton desktop proceeds more smoothly.

Adoption of post-consumer recycled ABS plastic

Acer strives to be your green partner while you are driving business. 65% of the plastic in the external enclosures of selected Veriton Z all-in-one PC is post-consumer recycled ABS plastic, thus helping the planet by taking plastic trash out of the system, and by reducing the need to produce more plastic.

Noiseless HDD design

The HDD carriers of Veriton desktops feature innovative grommets[1] that can effectively reduce noise by 66.5% during hard drive operations and lead to a quieter working environment. These grommets[1] have soft rubber knobs that act as shock dampers and their hollow bodies allow the rubber to flex more, for better absorbing shock and noise vibrations.

IPS displays

Selected Veriton Z all-in-ones are equipped with displays with In-Plane Switching (IPS) technology[1,2]. Colors and figures are shown consistently even from wide viewing angles, which allows business discussions over onscreen information to proceed more clearly and smoothly.

Three independent displays

The Veriton desktops support up to three independent displays[1], so you can split your display output between three screens. This means you can use three displays to easily switch between different applications and edit multiple documents at the same time, for very convenient multitasking resulting in fast work rates and increased productivity.

Face login

Logging into the operating system is convenient on the Veriton Z all-in-one PC. In conjunction with traditional passwords, facial recognition technology lets you log in by simply looking into the built-in webcam.

YouCam

YouCam[1] helps to digitize presentations and tutorials so that you can easily share them to a greater numbers of audiences. Insert the documents into YouCam and then make a record while you are presenting the content and giving remarks using the interactive tools on the screen.

Acer ProShield

Acer ProShield features an easy-to-understand user interface that lets you easily manage all the security features and applications that come pre-installed on Veriton desktops. This all-encompassing suite protects both your computer and the data stored on it.

Acer Office Manager

Acer Office Manager helps to easily manage and control your company's computers, from remotely configuring their system settings, enforcing corporate usage policies, asset monitoring, and receiving detailed reports, to deploying different usage limitations for each computer.

Acer Control Center

Acer Control Center is a manageability tool for SoHo and small business. Customers can manage their PC with the ability to browse and configure system information as well as consolidate the installed software.

Intel® vPro™

Intel® vPro™ technology[1] addresses today's critical IT security needs through its comprehensive set of security, manageability, and productivity-enhancing capabilities. This technology is built into the new Intel® Core™ vPro™ processor family, Intel® chipsets, and network adapters to simplify and accelerate your response to these security challenges.

TPM 1.2

Trusted Platform Module (TPM) 1.2[1] is a hardware-based security platform that uses mechanisms like public-key cryptosystems to ensure that your computer and data are kept safe. By keeping track of the computer's system configuration, TPM is able to disable components that are removed from the system and installed in a different system, rendering any data stored on the component unreadable.

1 Specifications vary depending on model.
2 All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.

Product Lineup – Desktop PC

Veriton	M (30 liter)	S (16 liter)	X (10 liter)	L (3 liter)	N (1 liter)	Z (All-in-one)

Veriton 6 Series

- Rock-solid performance
- Premium manageability
- Reliability & convenience
- Industrial compliance

M6

S6

X6

L6

Veriton 4 Series

- Serious performance
- Powerful manageability
- Hardware-based security
- Industrial compliance

M4

S4

X4

L4

N4

Z4

Veriton 2 Series

- Multitasking performance
- Essential manageability & security
- Industrial compliance

M2

X2

N2

Z2

Product Comparison

Model name	Veriton M6630G	Veriton S6630G	Veriton X6630G
Product Photo			
Operating System	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™
Processor & Chipset	• 4th gen Intel® Core™ i7/i5 with Intel® vPro™ technology • Intel® Core™ i7/i5/i3 • Intel® Pentium® processors • Intel® Q87 Express chipset	• 4th gen Intel® Core™ i7/i5 with Intel® vPro™ technology • Intel® Core™ i7/i5/i3 • Intel® Pentium® processors • Intel® Q87 Express chipset	• 4th gen Intel® Core™ i7/i5 with Intel® vPro™ technology • Intel® Core™ i7/i5/i3 • Intel® Pentium® processors • Intel® Q87 Express chipset
Memory	Up to 32GB Dual-Channel DDR3 SDRAM	Up to 32GB Dual-Channel DDR3 SDRAM	Up to 32GB Dual-Channel DDR3 SDRAM
Storage	Up to 2TB	Up to 2TB	Up to 2TB
Optical Drive Type	DVD±R/RW DL	DVD±R/RW DL	DVD±R/RW DL
SD Card Reader	Optional	Optional	Optional
Ethernet Technology	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Microphone	Yes	Yes	Yes
HDMI	0	0	0
DVI	1	1	1
DisplayPort	2	2	2
VGA	1	1	1
Number of USB 3.0 Port/ Number of USB 2.0 Ports	2+2(option)/6	2+2(option)/6	4/4
Audio Line in/ Line out	Yes/ Yes	Yes/ Yes	Yes/ Yes
Number of External 5.25" Bays	2	1	1
Number of 3.5" Bays	4	2	1
Number of 2.5" Bays	support by bracket located on 3.5" bays	support by bracket located on 3.5" bays	support by bracket located on 3.5" bays
Number of PCI Express x16 Slots	1	1	1
Number of PCI Express x1 Slots	2 (1 slot wired as x4 connectivities by x16 connectors)	2 (1 slot wired as x4 connectivities by x16 connectors)	1
Number of Mini PCI Express Slots	0	0	0
Number of PCI Slots	1	1	0
Bundle softwares	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager
Commercial Key features	• Intel® vPro™ Technology • Intel® Active Management Technology • 100% solid capacitors • TPM chip with TPM 1.2 compliance • 2-in-1 cable padlock slot • Padlock and Kensington lock • Chassis key lock (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment)	• Intel® vPro™ Technology • Intel® Active Management Technology • 100% solid capacitors • TPM chip with TPM 1.2 compliance • 2-in-1 cable padlock slot • Padlock and Kensington lock • Chassis key lock (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment)	• Intel® vPro™ Technology • Intel® Active Management Technology • 100% solid capacitors • TPM chip with TPM 1.2 compliance • 2-in-1 cable padlock slot • Padlock and Kensington lock • Chassis key lock (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment)
Maximum Power Supply Wattage	500W	500W	220W
Dimension	181.5(W) x 451.3(D) x 376.9(H) mm	138(W) x 412(D) x 338(H) mm	266.5(W) x 101.5(D) x 396.84(H) mm
Approximate Weight	9.5kg	7.5kg	6kg
Green Compliance Certificate/Authority	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI

Model name	Veriton M4630G	Veriton S4630G	Veriton X4630G
Product Photo			
Memory	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™
Storage	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® B85 Express Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® B85 Express Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® B85 Express Chipset
Optical Drive Type	Up to 32GB Dual-Channel DDR3 SDRAM	Up to 32GB Dual-Channel DDR3 SDRAM	Up to 32GB Dual-Channel DDR3 SDRAM
SD Card Reader	Up to 2TB	Up to 2TB	Up to 2TB
Ethernet Technology	DVD±R/RW DL	DVD±R/RW DL	DVD±R/RW DL
Microphone	Optional	Optional	Optional
HDMI	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
DVI	Yes	Yes	Yes
DisplayPort	0	0	0
VGA	1	1	1
DisplayPort	2	2	2
VGA	1	1	1
Number of USB 3.0 Port/ Number of USB 2.0 Ports	2+2(option)/6	2+2(option)/6	4/4
Audio Line in/ Line out	Yes/ Yes	Yes/ Yes	Yes/ Yes
Number of External 5.25" Bays	2	1	1
Number of 3.5" Bays	4	2	1
Number of 2.5" Bays	support by bracket located on 3.5" bays	support by bracket located on 3.5" bays	support by bracket located on 3.5" bays
Number of PCI Express x16 Slots	1	1	1
Number of PCI Express x1 Slots	2 (1 slot wired as x4 connectivities by x16 connectors)	2 (1 slot wired as x4 connectivities by x16 connectors)	1
Number of Mini PCI Express Slots	0	0	0
Number of PCI Slots	1	1	0
Bundle softwares	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager
Commercial Key features	• 100% solid capacitors • TPM chip with TPM 1.2 compliance (option) • 2-in-1 cable padlock slot • Padlock and Kensington lock • Chassis key lock (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • DASH 1.1 compliant	• 100% solid capacitors • TPM chip with TPM 1.2 compliance (option) • 2-in-1 cable padlock slot • Padlock and Kensington lock • Chassis key lock (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • DASH 1.1 compliant	• 100% solid capacitors • TPM chip with TPM 1.2 compliance (option) • 2-in-1 cable padlock slot • Padlock and Kensington lock • Chassis key lock (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • DASH 1.1 compliant
Maximum Power Supply Wattage	500W	500W	220W
Dimension	181.5(W) x 451.3(D) x 376.9(H) mm	138(W) x 412(D) x 338(H) mm	266.5(W) x 101.5(D) x 396.84(H) mm
Approximate Weight	9.5kg	7.5kg	6kg
Green Compliance Certificate/Authority	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI

Note: Specifications vary depending on model. Bundled software may vary depending on hardware configuration, OS and regional availability. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.

Product Comparison

Model name	Veriton M2630G	Veriton M2631G	Veriton X2630G
Product Photo			
Operating System	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™
Processor & Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® H81 Express Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® H81 Express Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® H81 Express Chipset
Memory	Up to 16GB Dual-Channel DDR3 SDRAM	Up to 16GB Dual-Channel DDR3 SDRAM	Up to 16GB Dual-Channel DDR3 SDRAM
Storage	Up to 2TB	Up to 2TB	Up to 2TB
Optical Drive Type	DVD±R/RW DL	DVD±R/RW DL	DVD±R/RW DL
SD Card Reader	Optional	Optional	Optional
Ethernet Technology	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Microphone	Yes	Yes	Yes
HDMI	0	0	0
DVI	1	1	1
DisplayPort	0	0	0
VGA	1	1	1
Number of USB 3.0 Port/ Number of USB 2.0 Ports	2(option)/6	2/4	2/6
Audio Line in/ Line out	Yes/ Yes	Yes/ Yes	Yes/ Yes
Number of External 5.25" Bays	2	2	1
Number of 3.5" Bays	4	2	1
Number of 2.5" Bays	support by bracket located on 3.5" bays	0	support by bracket located on 3.5" bays
Number of PCI Express x16 Slots	1	1	1
Number of PCI Express x1 Slots	2	2	1
Number of Mini PCI Express Slots	0	0	0
Number of PCI Slots	1	1	0
Bundle softwares	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager
Commercial Key features	• TPM chip with TPM 1.2 compliance (option) • 2-in-1 cable padlock slot • Padlock and Kensington lock • Chassis key lock (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • ASF 2.0 compliant	• TPM chip with TPM 1.2 compliance (option) • 2-in-1 cable padlock slot • Padlock and Kensington lock • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • ASF 2.0 compliant	• TPM chip with TPM 1.2 compliance (option) • 2-in-1 cable padlock slot • Padlock and Kensington lock • Chassis key lock (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • ASF 2.0 compliant
Maximum Power Supply Wattage	300W	300W	220W
Dimension	181.5(W) x 451.3(D) x 376.9(H) mm	181.5(W) x 451.3(D) x 376.9(H) mm	266.5(W) x 101.5(D) x 396.84(H) mm
Approximate Weight	9.5kg	7KG	6Kg
Green Compliance Certificate/Authority	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI

Model name	Veriton X2631G	Veriton X2120G	Veriton L6630G
Product Photo			
Memory	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™
Storage	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® H81 Express Chipset	• AMD Athlon 5350 quad-core processor with AMD Radeon R3 graphics • AMD Athlon 5150 quad-core processor with AMD Radeon R3 graphices • AMD Sempron 3850 quad-core processor with AMD Radeon R3 graphics • AMD Sempron 2650 dual-core processor with AMD Radeon R3 graphics	• 4th gen Intel® Core™ i7/i5 with Intel® vPro™ technology • Intel® Core™ i7/i5/i3 • Intel® Pentium® processors • Intel® Q87 Express chipset
Optical Drive Type	Up to 16GB Dual-Channel DDR3 SDRAM	Up to 16GB Single-Channel DDR3 SDRAM	Up to 16GB of Dual-channel DDR3 SDRAM
SD Card Reader	Up to 2TB	Up to 2TB	Up to 2TB
Ethernet Technology	DVD±R/RW DL	DVD±R/RW DL	DVD±R/RW DL
Microphone	Optional	Optional	N/A
HDMI	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
DVI	Yes	Yes	Yes
DisplayPort	0	0	0
VGA	1	1	1
DisplayPort	0	0	2
VGA	1	1	1
Number of USB 3.0 Port/ Number of USB 2.0 Ports	2/4	2/6	4/6
Audio Line in/ Line out	Yes/ Yes	Yes/ Yes	Yes/Yes
Number of External 5.25" Bays	1	1	0
Number of 3.5" Bays	1	1	1
Number of 2.5" Bays	0	0	support by bracket located on 3.5" bays
Number of PCI Express x16 Slots	1	1	0
Number of PCI Express x1 Slots	1	1	0
Number of Mini PCI Express Slots	0	0	1
Number of PCI Slots	0	0	0
Bundle softwares	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager
Commercial Key features	• TPM chip with TPM 1.2 compliance (option) • 2-in-1 cable padlock slot • Padlock and Kensington lock • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • ASF 2.0 compliant	• TPM chip with TPM 1.2 compliance (option) • Padlock and Kensington lock • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • ASF 2.0 compliant	• Intel® vPro™ Technology • Intel® Active Management Technology • 100% solid capacitors • TPM chip with TPM 1.2 compliance • Kensington lock • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment
Maximum Power Supply Wattage	220W	220W	135W
Dimension	266.5(W) x 101.5(D) x 396.84(H) mm	266.5(W) x 101.5(D) x 396.84(H) mm	250(W) x 62(D) x 204.96(H) mm
Approximate Weight	6Kg	5kg	2.5kg
Green Compliance Certificate/Authority	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI	• PC 2001 • ENERGY STAR® • EPEAT • Erp Lot3 • RoHS • GS • DMI

Note: Specifications vary depending on model. Bundled software may vary depending on hardware configuration, OS and regional availability. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.

Product Comparison

Model name	Veriton L4630G	Veriton N4630G	Veriton N2120G
Product Photo			
Operating System	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™
Processor & Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® B85 Express Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Pentium® processors • Intel® Celeron® processors • Intel® H81 Express Chipset	• AMD Athlon 5350 quad-core processor • AMD Athlon 5150 quad-core processor • AMD Sempron 3850 quad-core processor • AMD Sempron 2650 dual-core processor
Memory	Up to 16GB of Dual-channel DDR3 SDRAM	Up to 16GB of Dual-channel DDR3 SDRAM	Up to 16GB Single-Channel DDR3 DRAM
Storage	Up to 2TB	Up to 1TB	Up to 1TB
Optical Drive Type	DVD±R/RW DL	DVD±R/RW DL	DVD±R/RW DL
SD Card Reader	N/A	Yes	Yes
Ethernet Technology	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Microphone	Yes	Yes	Yes
HDMI	0	0	1
DVI	1	0	0
DisplayPort	2	1	0
VGA	1	1	1
Number of USB 3.0 Port/ Number of USB 2.0 Ports	4/6	2/3+1(option)	2/3+1(option)
Audio Line in/ Line out	Yes/Yes	Yes/Yes	Yes/ Yes
Number of External 5.25" Bays	0	0	0
Number of 3.5" Bays	1	0	0
Number of 2.5" Bays	support by bracket located on 3.5" bays	1	1
Number of PCI Express x16 Slots	0	0	1(for 2L and 3L)
Number of PCI Express x1 Slots	0	0	0
Number of Mini PCI Express Slots	1	1	1
Number of PCI Slots	0	0	0
Bundle softwares	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager	• Acer eLock Management • Acer ProShield • Acer Office Manager
Commercial Key features	• 100% solid capacitors • TPM chip with TPM 1.2 compliance (option) • Kensington lock • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • DASH 1.1 compliant	• TPM chip with TPM 1.2 compliance (option) • Kensington lock • Intrusion alert (option) • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment)	• TPM chip with TPM 1.2 compliance (option) • Kensington lock • Intrusion alert (option) • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment)
Maximum Power Supply Wattage	135W	65W for standard 90W for sku with ODD or 2nd 2.5" HDD	65W for standard 90W for sku with ODD or 2nd 2.5" HDD
Dimension	250(W) x 62(D) x 204.96(H) mm	192(W) x 204(D) x 33.2(H) mm (1L) 249.5(W) x 204(D) x 33.2(H) mm (2L) 249.5(W) x 204(D) x 58.5(H) mm (3L)	192(W) x 204(D) x 33.2(H) mm (1L) 249.5(W) x 204(D) x 33.2(H) mm (2L) 249.5(W) x 204(D) x 58.5(H) mm (3L)
Approximate Weight	2.5kg	1.5Kg (1L) 2.0KG (2L) 3.5KG (3L)	1.5Kg (1L) 2.0KG (2L) 3.5KG (3L)
Green Compliance Certificate/Authority	PC 2001 / ENERGY STAR®/ EPEAT Erp Lot3 / RoHS / GS / DMI	PC 2001 / ENERGY STAR®/ EPEAT Erp Lot3 / RoHS / GS / DMI	PC 2001 / ENERGY STAR®/ EPEAT Erp Lot3 / RoHS / GS / DMI

Note: Specifications vary depending on model. Bundled software may vary depending on hardware configuration, OS and regional availability. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.

Model name	Veriton Z2660G	Veriton Z2640G	Veriton Z2120G
Product Photo			
Operating System	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™
Processor & Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Celeron® processors • Intel® Pentium® processors • Intel® H81 Express Chipset	• Intel® Pentium® processors • Intel® Celeron® processors • Intel® HM70 Express chipset	• AMD Athlon 5350 quad-core processor • AMD Athlon 5150 quad-core processor • AMD Sempron 3850 quad-core processor • AMD Sempron 2650 dual-core processor
Memory	Up to 16GB Dual-Channel DDR3 SDRAM	Up to 8GB Dual-Channel DDR3 SDRAM	Up to 16GB of Single-channel DDR3 SDRAM
Storage	Up to 1TB	Up to 500 GB	Up to 1TB
Optical Drive Type	DVD±R/RW DL	DVD±R/RW DL	DVD±R/RW DL
SD Card Reader	Yes	Optional	Optional
Display	19.5" widescreen LED-backlit LCD	19.5" widescreen LED-backlit LCD	19.5" widescreen LED-backlit LCD
Connectivity	WiFi	WiFi, Bluetooth	WiFi, Bluetooth
Ethernet Technology	Gigabit Ethernet	Gigabit Ethernet	Gigabit Ethernet
Webcam	Yes	Yes	Yes
Microphone	Yes	Yes	Yes
HDMI	0	1	1
DVI	0	1	1
DisplayPort	1	0	0
VGA	1	1	0
Number of USB 3.0 Port/ Number of USB 2.0 Ports	2/2	2/2	2/2
Number of PCI Express x16 Slots	0	0	0
Number of PCI Express x1 Slots	1	0	1
Number of Mini PCI Express Slots	2 (Mini PCI Express®)	2	1
Audio Line in/ Line out	Yes/ Yes	Yes/ Yes	Yes/ Yes
Bundle softwares	• Veriton ControlCenter • Acer ProShield • Acer Office Manager • Power DVD • Nero BackItUp • McAfee® Internet Security Suite • Office 2013 Trial • YouCAM	• Veriton ControlCenter • Acer ProShield • Acer Office Manager • Power DVD • Nero BackItUp • McAfee® Internet Security Suite • Office 2013 Trial • YouCAM	• Veriton ControlCenter • Acer ProShield • Acer Office Manager • Power DVD • Nero BackItUp • McAfee® Internet Security Suite • Office 2013 Trial • YouCAM
Commercial Key features	• TPM chip with TPM 1.2 compliance (option) • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment)	• TPM chip with TPM 1.2 compliance (option) • Kensington lock • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment) • ASF 2.0 compliant	• TPM chip with TPM 1.2 compliance • Kensington lock • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment • ASF 2.0 compliant
Maximum Power Supply Wattage	90W	90W	90W
Dimension	330 (W) x 60 (D) x 490 (H) mm (12.99 x 2.36 x 19.29 inches)	330 (W) x 60 (D) x 490 (H) mm (12.99 x 2.36 x 19.29 inches)	330 (W) x 60 (D) x 490 (H) mm (12.99 x 2.36 x 19.29 inches)
Approximate Weight	Touch: 6.4 Kg (14.1 lbs) Non-Touch: 5.665 Kg (12.49 lbs)	Non-Touch: 5.665 Kg (12.49 lbs)	Touch: 6.4 Kg (14.1 lbs) Non-Touch: 5.665 Kg (12.49 lbs)
Green Compliance Certificate/Authority	PC 2001 / ENERGY STAR® EPEAT / Erp Lot3 / RoHS GS / DMI	PC 2001 / ENERGY STAR® EPEAT / Erp Lot3 / RoHS GS / DMI	PC 2001 / ENERGY STAR® EPEAT / Erp Lot3 / RoHS GS / DMI

Product Comparison

Model name	Veriton Z4810G
Product Photo	
Operating System	• Windows 8.1 Pro 64-bit • Windows 8.1 Multi 64-bit • Windows 7 Professional 64-/32-bit Service Pack 1 • Windows 7 Home Basic 64-bit Service Pack 1 • Linpus Lite Linux • FreeDOS™
Processor & Chipset	• 4th Generation Intel® Core™ i7 processors • 4th Generation Intel® Core™ i5 processors • 4th Generation Intel® Core™ i3 processors • Intel® Celeron® processors • Intel® Pentium® processors • Intel® H81 Express Chipset
Memory	Up to 16 GB of Dual-channel DDR3 SDRAM
Storage	Up to 1TB
Optical Drive Type	DVD±R/RW DL
SD Card Reader	Optional
Ethernet Technology	LED LCD Panel LPL 23'W FHD None Glare
Microphone	WiFi, Bluetooth
HDMI	Gigabit Ethernet
DVI	Yes
DisplayPort	Yes
VGA	1
Number of USB 3.0 Port/ Number of USB 2.0 Ports	1
Audio Line in/ Line out	1
Number of External 5.25" Bays	1
Number of 3.5" Bays	1/4
Number of 2.5" Bays	0
Number of PCI Express x16 Slots	1
Number of PCI Express x1 Slots	2
Number of Mini PCI Express Slots	Yes/Yes
Number of PCI Slots	Yes/ Yes
Bundle softwares	• Veriton ControlCenter • Acer ProShield • Acer Office Manager • Power DVD • Nero BackItUp • McAfee® Internet Security Suite • Office 2013 Trial • YouCAM
Commercial Key features	• TPM chip with TPM 1.2 compliance • Kensington lock • Intrusion alert • One-Button Recovery • Hard drive password protection (via BIOS) • WOL (Wake On Lan) • PXE (Preboot eXecution Environment
Maximum Power Supply Wattage	90W
Dimension	385 (W) x 59 (D) x 566 (H) mm
Approximate Weight	7kg
Green Compliance Certificate/Authority	PC 2001 / ENERGY STAR® RoHS / GS / EPEAT® / DMI

Note: Specifications vary depending on model. Bundled software may vary depending on hardware configuration, OS and regional availability. EPEAT® registration varies by country. See http://www.epeat.net/ for registration status for each country.

Meet professional demands

Acer Veriton workstations bring enterprise-class performance to individual users. Made for designers, engineers and research professionals, our workstations put maximum computing and 3D graphics power in a reliable design capable of running 24/7.

Veriton P Series workstations

Acer workstations give hard-core computer users the multi-core power, graphics performance, and rock-solid stability they need for demanding applications like 3D animation, CAD and digital imaging. Enterprise-level expandability and redundancy allow these users to tackle even the largest projects with confidence.

Product Comparison

Model name	Veriton P130 F3	Veriton P330 F2	Veriton P530 F2
Product Photo			
Processor	• Xeon E3-1200 v3 • Core i7 • Core i5	Xeon E5-1600 or E5-2600	Xeon E5-2600
Number of processors	1	1	2
Memory	4 unbuffered ECC memory	8 registered/unbuffered ECC memory	16 registered/unbuffered ECC memory
Numbers of hard disk drives	4	4	4
Onboard RAID	SATA Software RAID 0,1,5,10 (with Windows OS)	SATA Software RAID 0,1,5,10 (with Windows OS)	SATA Software RAID 0,1,5,10 (with Windows OS)
Onboard ports	1 x Serial port 1 x Display port 1 x DVI_D port 1 x VGA port 1 x Gigabit LAN port 4 x USB3.0 ports 6 x USB2.0 ports 5 x audio jacks	4 x USB3.0 ports 10 x USB2.0 ports 1 x ps/2 port 2 x Gigabit LAN port 5 x audio jacks 1 x SPDIF port	2 x IEEE 1394 ports 4 x USB3.0 ports 6 x USB2.0 ports 1 x ps/2 port 2 x Gigabit LAN port 5 x audio jacks 1 x SPDIF port 1 x serial port
Expansion slots	1 x PCIe 3.0 2 x PCIe 2.0 1 x PCI	3 x PCIe 3.0 1 x PCIe 2.0 1 x PCI	5 x PCIe 3.0 1 x PCIe 2.0
Form factor	Tower	Tower	Tower
Power supply	500W 80 PLUS Gold-certified efficient fixed	900W 80 PLUS Gold-level efficient fixed	900W 80 PLUS Gold-level efficient fixed

A clear view to success

Acer monitors combine top performance with ergonomic design for superior all-day-every-day viewing. Smart utilities and control features make the experience even smoother. With diverse input options, it's convenient to connect peripherals and stay productive. These monitors also comply with a range of eco-conscious standards to save resources and cost.

ALL THE BUSINESS ESSENTIALS

Smart ergonomics

Designed to keep users comfortable and productive, our monitors feature the Acer ErgoStand, which allows easy adjustment of height, pivot, tilt and swivel to suit any workspace. Acer ComfyView monitors reflect less ambient light to deliver vivid colors, reduced glare, and more comfortable viewing, even over prolonged periods. Performance control is also convenient via the front-positioned onscreen display button.

Premium performance and quality

Acer monitors feature high-end panels for premium performance and quality, while delivering high-resolution images up to 2560 x 1440 pixels — ensuring generous space to have multiple windows visible simultaneously. These include IPS (In-Plane Switching) panels, for exceptional image quality, color accuracy; as well as VA (Vertical Alignment) panels, which have higher contrast ratios for excellent color and sharpness. Wide-viewing angles up to 178° enable easy multi-person viewing. Select models feature screens up 29" Full HD with 21:9 ratio, for brilliant widescreen visuals.

Acer Adaptive Contrast Management (ACM) optimizes contrast to present the highest level of clarity and detail. Acer eColor management provides advanced controls for achieving the best-possible image quality, while the sRGB color correction technology provides superb color accuracy and wide color coverage to reproduce rich color performance and display images in their original and true colors. Additionally, 6-axis color adjustment meets professional visual requirement to meet the highest levels of color accuracy.

The latest connections

Select Acer monitors have USB 3.0 with power-off charging, HDMI® with HDCP support, DVI and DisplayPort™, so it's easy to connect all sorts of devices for better collaboration and enhanced security. Some Acer monitors also feature MHL (Mobile High-definition Link), which offers wireless synchronization from handheld devices (e.g., mobile phones, tablets) to Acer high-definition monitors, extending the high-quality audio/visual experience to larger screens.

Environmentally friendly

As part of our commitment to sustainable operations, Acer uses methods to carry out product design and material management distinctly meant to reduce environmental impact. Our monitors are free of mercury and use PCR (post-consumer recycled) ABS plastic, plus reusable packaging materials. The use of white LED backlight technology provides excellent performance and power savings. Acer monitors meet ENERGY STAR® specifications, are RoHS and TCO Certified, and have earned the respected EPEAT® Gold ranking, signifying our care for the planet.

Note: Specifications vary depending on model

KEY TECHNOLOGIES & UTILITIES

Acer eColor Management

Acer monitors can quickly tailor performance characteristics (brightness, saturation, contrast, etc.) to suit visual content. There are five modes: Standard, Text, Graphics, Movie, and User-Defined. With such flexibility to optimize, Acer monitors deliver specialized views in just a few clicks.

Acer Adaptive Contrast Management (ACM)

ACM fine-tunes each scene to make bright areas brighter and dark areas darker, optimizing contrast for more detailed moving images. ACM improves the input image directly, thereby realizing the full capability of the panel. Images look ultra-sharp and power is used efficiently.

High resolution (WQHD) display

Acer's WQHD displays deliver four times the resolution of standard HD (720p), which allows users to view multiple windows on a single display for efficient multitasking.

Wide viewing angles

The Acer B326HUL WQHD display uses VA (Vertical Alignment) panel, ensuring vibrant images with brilliant colors when viewed from every angle. It delivers consistent and accurate colors at viewing angles up to 178°.

6-axis color adjustment

6-axis color adjustment allows users to individually adjust the hue and saturation of red, green, blue, cyan, yellow and magenta to meet the needs of professional visual requirements and the highest standards of color accuracy.

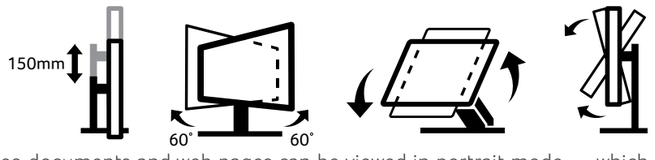
100% sRGB gamut coverage

The Acer B326HUL presents the highest accuracy and outstanding color space reproduction — encompassing 100% of the sRGB gamut. Built-in sRGB color correction technologies reproduce rich colors and render images in their original and true colors.

Ultra-wide display (21:9)

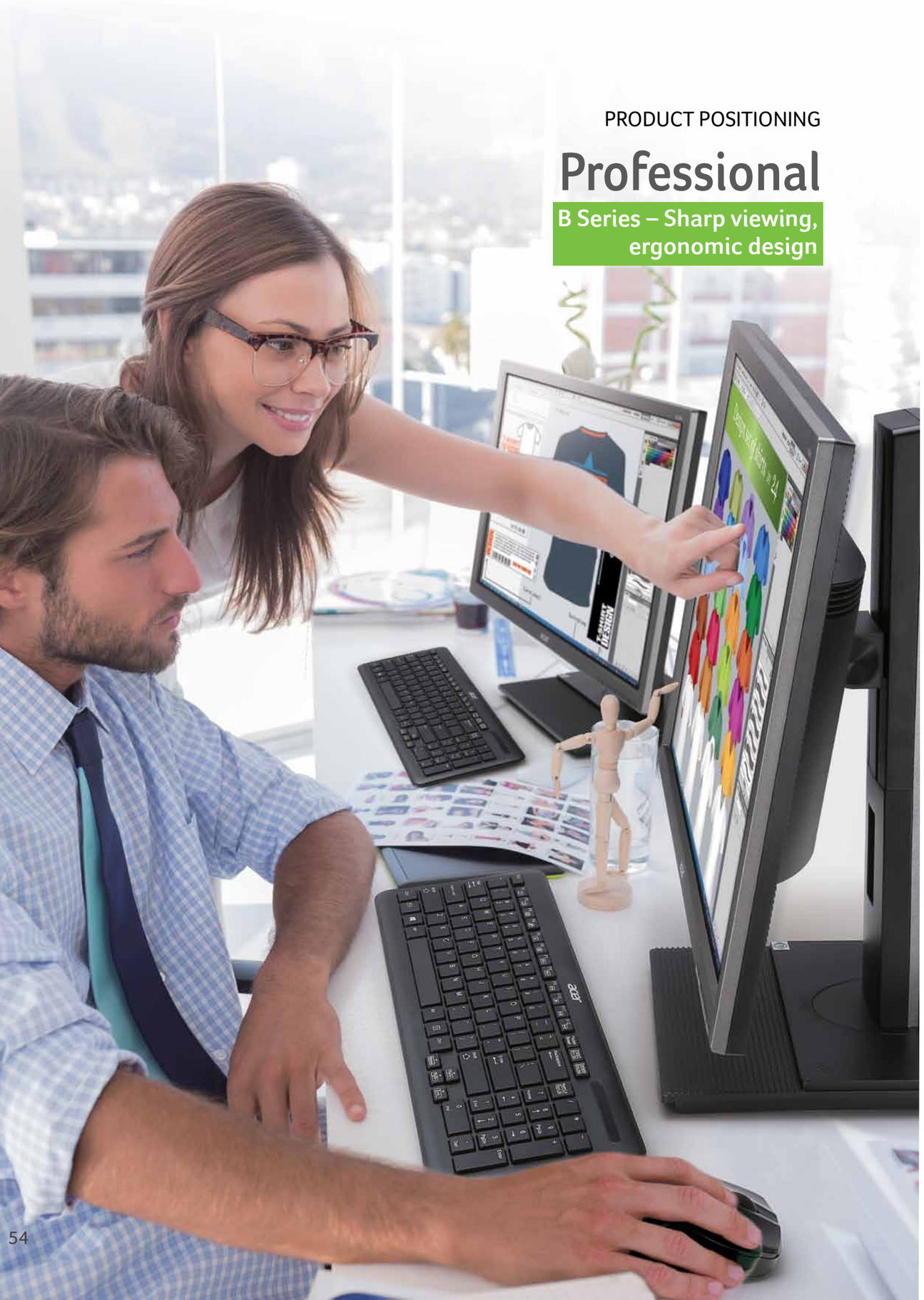
Ultra-wide 21:9, 1080 x 2560 resolution ensures better work productivity when working on wide documents or when editing long pages or webpages — especially with the Acer ErgoStand which allows the monitor to be used in portrait orientation.

Acer ErgoStand



The Acer ErgoStand pivots vertically so documents and web pages can be viewed in portrait mode — which is great for creating content, too. It also tilts and moves up and down for finding the most comfortable viewing position. Plus, the swivel adjustment lets you move the display around for convenient sharing.

Note: Specifications vary depending on model



PRODUCT POSITIONING

Professional

B Series – Sharp viewing, ergonomic design

Product Comparison

Model name	B196L	B196WL	B206HQL
Product Photo			
Display (inch)	19"	19"W	19.5"
Max Resolution	1280x1024	1440x900	1600x900
Standard Refresh Rate	75Hz	60Hz	60Hz
Panel Technology (TN/VA/IPS)	TN/ IPS	TN	TN
backlight Tec. (CCFL/LED)	LED	LED	LED
Response Time (typ.)	5ms / 6ms	5ms	5ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1	1,000:1	1,000:1
Brightness (cd/m2)	250	250	250
Colors	16.7M	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC	6Bit+HiFRC
Color Gamut	72% NTSC	72% NTSC	72% NTSC
Input Signal	VGA, DVI	VGA, DVI	VGA, DVI, Audio in
Speaker	1Wx2	1Wx2	1Wx2
Tilt	-5°- 35°	-5°- 20°	-5°- 20°
Swivel(°)	±60°	±45°	±45°
Height Adjustment	150mm	80mm	80mm
Pivot	0°-90°	N	N
TCO 6.0/MPR II	TCO6.0	TCO6.0	TCO6.0
Energy Star 6.0	Y	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold	EPEAT Gold

Model name	B226HQL	B226WL	B236HL
Product Photo			
Display (inch)	21.5"	22"W	23"
Max Resolution	1920x1080	1680x1050	1920x1080
Standard Refresh Rate	60Hz	60Hz	60Hz
Panel Technology (TN/VA/IPS)	TN / VA / IPS	TN	TN/IPS
backlight Tec. (CCFL/LED)	LED	LED	LED
Response Time (typ.)	5ms/ 6ms / 8ms	5ms	5ms / 6ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1 / 3,000:1	1,000:1	1,000:1
Brightness (cd/m2)	250	250	250
Colors	16.7M	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC	6Bit+HiFRC
Color Gamut	72% NTSC	72% NTSC	72% NTSC
Input Signal	VAG, DVI, DisplayPort, HDMI, USB hub 3.0, Audio in	VGA, DVI, Displayport, USB Hub 3.0	VGA, DVI.displayport, HDMI, USB hub 3.0, Audio in
Speaker	1Wx2	1Wx2	2Wx2
Tilt	-5°- 35°	-5°- 35°	-5°- 35°
Swivel(°)	±60°	±60°	±60°
Height Adjustment	150mm	150mm	150mm
Pivot	0°-90°	0°-90°	0°-90°
TCO 6.0/MPR II	TCO6.0	TCO6.0	TCO6.0
Energy Star 6.0	Y	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold	EPEAT Gold

Product Comparison

Model name	B246HL	B246HYL	B276HL
Product Photo			
Display (inch)	24"	23.8"	27"
Max Resolution	1920x1080	1920x1080	1920x1080
Standard Refresh Rate	60Hz	60Hz	60Hz
Panel Technology (TN/VA/IPS)	TN / VA	AHVA / IPS	TN / VA
backlight Tec. (CCFL/LED)	LED		LED
Response Time (typ.)	5ms / 6ms	6ms	1ms / 6ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1	N/A / 100,000,000:1
Contrast Ratio (Native)	1,000:1 / 3,000:1	1,000:1	1,000:1 / 3,000:1
Brightness (cd/m2)	250	250	300
Colors	16.7M	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC / 8Bit+HiFRC	6Bit+HiFRC
Color Gamut	72% NTSC	72% NTSC	72% NTSC
Input Signal	VGA, DVI,displayport, HDMI, USB hub 3.0, Audio in	VGA, DVI, displayport, HDMI, USB hub 3.0, Audio in	VGA, DVI, displayport, MHL, HDMI, USB hub 3.0, Audio in
Speaker	2Wx2	2Wx2	2Wx2
Tilt	-5°- 35°	-5°- 35°	-5°- 35°
Swivel(°)	±60°	±60°	±60°
Height Adjustment	150mm	150mm	150mm
Pivot	0°-90°	0°-90°	0°-90°
TCO 6.0/MPR II	TCO6.0	TCO6.0	TCO6.0
Energy Star 6.0	Y	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold	EPEAT Gold

Model name	B276HUL	B286HL	B286HK
Product Photo			
Display (inch)	27”	28”	28”
Max Resolution	2560x1440	1920x 1080	3840x2160
Standard Refresh Rate	60Hz	60Hz	60Hz
Panel Technology (TN/VA/IPS)	AHVA	VA	TN
backlight Tec. (CCFL/LED)	LED	LED	LED
Response Time (typ.)	6ms	6ms	1ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1	3,000:1	1,000:1
Brightness (cd/m2)	350	300	300
Colors	16.7M	16.7M	16.7M
Bit	8Bit	6Bit+HiFRC	8Bit+HiFRC
Color Gamut	100% sRGB	72% NTSC	72% NTSC
Input Signal	DVI.Displayport, Displayport out, HDMI, USB hub 3.0, Audio in	VGA, DVI, Displayport, MHL, USB hub 3.0, Audio in	DVI.Displayport, Mini Displayport, MHL, Audio in
Speaker	2Wx2	2Wx2	2Wx2
Tilt	-5°- 35°	-5°- 35°	-5°- 35°
Swivel(°)	±60°	±60°	±60°
Height Adjustment	150mm	150mm	150mm
Pivot	0°-90°	0°-90°	0°-90°
TCO 6.0/MPR II	TCO6.0	TCO6.0	TCO6.0
Energy Star 6.0	Y	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold	EPEAT Gold

Model name	B296CL	B326HUL
Product Photo		
Display (inch)	29"	32"
Max Resolution	2560x1080	2560x1440
Standard Refresh Rate	60Hz	60Hz
Panel Technology (TN/VA/IPS)	IPS	VA
backlight Tec. (CCFL/LED)	LED	LED
Response Time (typ.)	8ms	6ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1	3,000:1
Brightness (cd/m2)	300	300
Colors	16.7M	1.07B
Bit	8Bit	8Bit+HiFRC
Color Gamut	100% sRGB	100% sRGB
Input Signal	DVI-D (Dual link)), HDMI, displayport, displayport out, USB Hub3.0	DVI-D (Dual link), HDMI, displayport, USB Hub3.0
Speaker	2Wx2	2Wx2
Tilt	-5°- 35°	-5°- 25°
Swivel(°)	±60°	±60°
Height Adjustment	150mm	150mm
Pivot	0°-90°	N
TCO 6.0/MPR II	TCO6.0	TCO6.0
Energy Star 6.0	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold

Model name	CB270HU	CB280HK	CB290C
Product Photo			
Display (inch)	27"	28"	29"
Max Resolution	2560x1440	3840x2160	2560x1080
Standard Refresh Rate	60Hz	60Hz	60Hz
Panel Technology (TN/VA/IPS)	AHVA	TN	IPS
backlight Tec. (CCFL/LED)	LED	LED	LED
Response Time (typ.)	6ms	1ms	6ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1	1,000:1	1,000:1
Brightness (cd/m2)	350	300	300
Colors	16.7M	16.7M	16.7M
Bit	8Bit+HiFRC	8Bit+HiFRC	8Bit
Color Gamut	100% sRGB	72% NTSC	100% sRGB
Input Signal	DVI, HDMI, displayport, Audio in	DVI, HDMI, MHL, displayport, miniDP, Audio in	DVI, HDMI, displayport, Audio in
Speaker	2Wx2	2Wx2	2Wx2
Tilt	-5°-35°	-5°-35°	-5°-35°
Swivel(°)	±60°	±60°	±60°
Height Adjustment	150mm	150mm	150mm
Pivot	0°-90°	0°-90°	0°-90°
TCO 6.0/MPR II	TCO6.0	TCO6.0	TCO6.0
Energy Star 6.0	Y	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold	EPEAT Gold

PRODUCT POSITIONING

Essential

V Series – Sustainable, solid vision

Product Comparison

Model name	V176L	V196HQL
Product Photo		
Display (inch)	17"	18.5"
Max Resolution	1280x1024	1366x768
Standard Refresh Rate	75Hz	60Hz
Panel Technology (TN/VA/IPS)	TN	TN
backlight Tec. (CCFL/LED)	LED	LED
Response Time (typ.)	5ms	5ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1	600:1 / 1,000:1
Brightness (cd/m2)	250	200 / 250
Colors	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC
Color Gamut	72% NTSC	72% NTSC
Input Signal	VGA, DVI, Audio in	VGA, DVI, Audio in
Speaker	1Wx2 (optional)	1Wx2 (optional)
Tilt	-5°- 25°	-5°~ 25°
Swivel(°)	N	N
Height Adjustment	N	N
Pivot	N	N
TCO 6.0/MPR II	TCO6.0	TCO6.0 / MPRII
Energy Star 6.0	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold

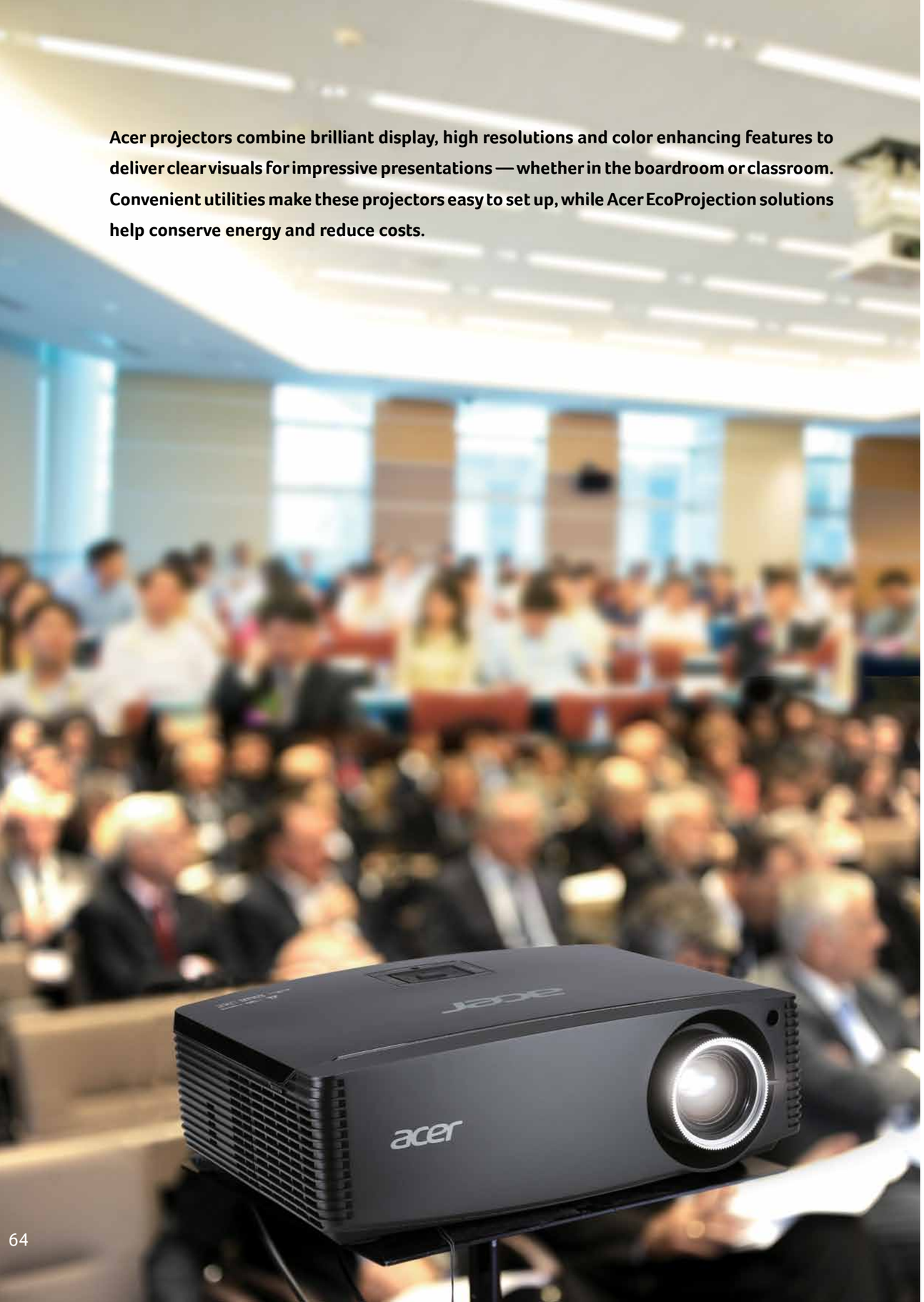
Model name	V196L	V196WL
Product Photo		
Display (inch)	19"	19"W
Max Resolution	1280x1024	1440x900
Standard Refresh Rate	60Hz / 75Hz	60Hz
Panel Technology (TN/VA/IPS)	TN / IPS	TN
backlight Tec. (CCFL/LED)	LED	LED
Response Time (typ.)	5ms / 6ms	5ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1	1,000:1
Brightness (cd/m2)	250	250
Colors	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC
Color Gamut	72% NTSC	72% NTSC
Input Signal	VGA, DVI, Audio in	VGA, DVI, Audio in
Speaker	1Wx2 (optional)	1W2 (optional)
Tilt	-5°- 25°	-5°- 25°
Swivel(°)	N	N
Height Adjustment	N	N
Pivot	N	N
TCO 6.0/MPR II	TCO6.0	TCO6.0
Energy Star 6.0	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold

Product Comparison

Model name	V206HQL	V226HQL
Product Photo		
Display (inch)	19.5"	21.5"
Max Resolution	1600x900	1920x1080
Standard Refresh Rate	60Hz	60Hz
Panel Technology (TN/VA/IPS)	TN	TN/ VA / IPS
backlight Tec. (CCFL/LED)	LED	LED
Response Time (typ.)	5ms	2ms / 5ms / 6ms / 8ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	600:1 / 1,000:1	600:1 / 1,000:1 / 3,000:1
Brightness (cd/m2)	200 / 250	200 / 250
Colors	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC / 6bit+A-FRC / 8bit
Color Gamut	72% NTSC	72% NTSC
Input Signal	VGA, DVI, Audio in	VGA, DVI, displayport, HDMI, Audio in, Audio out
Speaker	1Wx2 (optional)	1Wx2 (optional)
Tilt	-5°- 25°	-5°- 25°
Swivel(°)	N	N
Height Adjustment	N	N
Pivot	N	N
TCO 6.0/MPR II	TCO6.0 / MPRII	TCO6.0 / MPRII
Energy Star 6.0	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold
Model name	**V226WL**	**V236HL**
Product Photo		
Display (inch)	22"W	23"
Max Resolution	1680x1050	1920x1080
Standard Refresh Rate	60Hz	60Hz
Panel Technology (TN/VA/IPS)	TN	TN / IPS
backlight Tec. (CCFL/LED)	LED	LED
Response Time (typ.)	5ms	5ms / 6ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1	600:1 / 1,000:1
Brightness (cd/m2)	250	200 / 250
Colors	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC
Color Gamut	72% NTSC	72% NTSC
Input Signal	VGA, DVI, displayport, Audio in	VGA ,DVI, displayport, HDMI, Audio in, Audio out
Speaker	2Wx2 (optional)	2Wx2 (optional)
Tilt	-5°- 25°	-5°- 25°
Swivel(°)	N	N
Height Adjustment	N	N
Pivot	N	N
TCO 6.0/MPR II	TCO6.0	TCO6.0 / MPRII
Energy Star 6.0	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold

Model name	V246HL	V246HYL
Product Photo		
Display (inch)	24"	23.8"
Max Resolution	1920x1080	1920x1080
Standard Refresh Rate	60Hz	60Hz
Panel Technology (TN/VA/IPS)	TN / VA	IPS
backlight Tec. (CCFL/LED)	LED	LED
Response Time (typ.)	5ms / 6ms	6ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	1,000:1 / 3,000:1	1,000:1
Brightness (cd/m2)	250	250
Colors	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC
Color Gamut	72% NTSC	72% NTSC
Input Signal	VGA, DVI, Displayport, HDMI, Audio in	VGA, DVI, Displayport, Audio in
Speaker	2Wx2 (optional)	2Wx2 (optional)
Tilt	-5°~ 25°	-5°~ 25°
Swivel(°)	N	N
Height Adjustment	N	N
Pivot	N	N
TCO 6.0/MPR II	TCO6.0	TCO 6.0
Energy Star 6.0	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold
Model name	**V276HL**	**V286HL**
Product Photo		
Display (inch)	27"	28"
Max Resolution	1920x1080	1920x1080
Standard Refresh Rate	60Hz	60Hz
Panel Technology (TN/VA/IPS)	VA	VA
backlight Tec. (CCFL/LED)	LED	LED
Response Time (typ.)	6ms	6ms
Contrast Ratio Max (ACM)	100,000,000:1	100,000,000:1
Contrast Ratio (Native)	3,000:1	3,000:1
Brightness (cd/m2)	300	300
Colors	16.7M	16.7M
Bit	6Bit+HiFRC	6Bit+HiFRC
Color Gamut	72% NTSC	72% NTSC
Input Signal	VGA, DVI, Displayport, MHL+Audio in	VGA, DVI, Displayport, MHL+Audio in
Speaker	2Wx2 (optional)	2Wx2 (optional)
Tilt	-5°~ 25°	-5°~ 25°
Swivel(°)	N	N
Height Adjustment	N	N
Pivot	N	N
TCO 6.0/MPR II	TCO6.0	TCO6.0
Energy Star 6.0	Y	Y
EPEAT	EPEAT Gold	EPEAT Gold

Projecting success



Acer projectors combine brilliant display, high resolutions and color enhancing features to deliver clear visuals for impressive presentations — whether in the boardroom or classroom. Convenient utilities make these projectors easy to set up, while Acer EcoProjection solutions help conserve energy and reduce costs.

ALL THE BUSINESS ESSENTIALS

Prolific imagery

Acer projectors offer a range of easily adjustable resolution modes and optical zoom ratios up to 1.6x that bring sharp detail and fine print into focus. Powerful, high-brightness lamps project vibrant images onto the screen, no matter where the projector is located. Plus, DynamicBlack™ technology delivers high contrast ratios — up to 100,000:1 — for crisp imagery, while 3D projection makes presentations and cinematic experiences more enjoyable.

Lower TCO

Acer EcoProjection technology reduces energy consumption by up to 90% in ExtremeEco mode, conserving resources and keeping costs low. Plus, EcoProjection makes lamps and LEDs last longer, minimizing replacement expenses. When it comes time to change the lamp, the top-loading design simplifies the process; technician assistance is not needed. A detachable dust filter (on select models) prevents dirt buildup and further prolongs projector life.

Empowering usability

The lens shift feature and short-throw projection offer great flexibility in limited space. Manually adjust the projector lens with lens shift, while short-throw projection allows Acer projectors to maintain large, clear images despite being positioned close to the screen. Plus, built-in SRS sound effect speakers provide great audio for the perfect home entertainment experience.

Convenient management and security

Fully compatible with the Crestron® Network System, Acer projectors can be controlled over LAN using Crestron® Flash utilities, while Crestron RoomView® enables simultaneous control of multiple projectors. A PIN security code ensures that only authorized users access the projector, and a Kensington lock slot deters theft.

Versatile connectivity

Digital connections between Acer projectors and PCs or notebooks can be made via HDMI® or a D-Sub VGA cable. Multi-PC connectivity offers more flexibility and instant switching. A USB dongle (optional) provides convenient wireless connections for Wi-Fi® devices, including tablets and smartphones.

In addition, MHL™ (Mobile High-Definition Link) connectivity enables the projector to process uncompressed HDMI® signals and multi-channel audio from MHL-supported smartphones. The smartphone can also be charged via the projector. Plus, with Acer's unique MHL wireless adapter, content can be projected wirelessly through Wi-Fi CERTIFIED Miracast™ Display, WiDi (Intel® Wireless Display) or DLNA (Digital Living Network Alliance).

Note: Specifications vary depending on model

KEY TECHNOLOGIES & UTILITIES

Superb color performance

Acer's trio of color performance-enhancing features brings clarity and brightness to imagery for more persuasive presentations. Acer SpectraBoost (for lamp-based projectors) increases color saturation by an extra 30% for truly vivid image quality; color saturation is improved up to 130% NTSC in Acer's LED-based projectors, ensuring excellent image accuracy. Acer ColorBoost II and ColorBoost II+ enhance natural color temperature and saturation to achieve optical color balance. Acer ColorSafe II uses dynamic RGB gain control to eliminate color decay, guaranteeing picture integrity even with prolonged use of the projector.

Eco-friendly functionality

Acer projectors feature an ECO mode that users can enable when full illumination is not necessary for a given projection scenario. This mode reduces power consumption and extends lamp/LED life. The projector automatically enters ExtremeECO mode if there is no signal input for 5 minutes, reducing power by up to 90% and further contributing to longer lamp/LED life. Plus, Acer EcoProjection, an environmentally friendly power-management solution, reduces standby power consumption by up to 90%, from 5 W to 0.5 W.

LENS SHIFT

Lens shift

Acer projectors with the lens shift feature allow the projector to optically move the projected image. Control wheels on the side of the projector allow the user to control both the vertical and horizontal shifts of the projected image while maintaining its original format and size without distorting the image.

SHORT THROW

Short-throw projection

Acer short-throw projectors allow users to project large, high quality pictures in compact spaces without compromising the aspect ratio of the original picture. Short-throw projection maximizes space and eliminates annoying shadows, creating a more comfortable viewing environment — ideal for presentations in the classroom or workplace.

Great sound

In order to enhance the home entertainment experience, Acer projectors are integrated with powerful built-in stereo and SRS surround sound effect speakers for a complete cinematic adventure.

3D presentations and lessons

Add impact to your presentations and lessons by bringing them into the third dimension with Acer's DLP® 3D- and NVIDIA® 3DTV Play-ready projectors. Connect the 3D-ready projector to any 3D-compatible device and engage your audience in truly lifelike content.* In addition, an Acer proprietary algorithm enables any 2D signal, whether a still picture or video content, to be automatically converted into 3D format. This advanced 2D to 3D conversion function makes 3D enjoyment more prevalent than ever before.

WI-FI PROJECTION

Mobile wireless projection

Compatible with popular brand-name mobile devices, Acer eDisplay, DLNA and Miracast applications allow wireless projection from Wi-Fi® smartphones and tablet PCs. Simply plug the USB wireless adapter or MHL™ (Mobile High-Definition Link) wireless adapter into the Acer projector and start your PowerPoint® slideshow, stream high-definition video or display your portfolio of images directly from your smartphone or tablet.

ACER SMART PEN

Interactive projection

Promote better collaboration, communication and learning with the Acer SmartPen, which lets anyone in the audience draw or write on a projected image from anywhere in the room, up to 10 meters away. The SmartPen is easy to carry, set up and use, and saves the cost of purchasing a whiteboard. In addition, NXBoard interactive teaching software contains a variety of creative tools that make teaching and learning via projection more effective and fun.

Dust Shield Sealed Engine

3D Dust Filter Lens Shield

Dust-proofing technologies

The Acer Dust Shield Solution keeps dust from entering the projector, optimizing long-term performance and minimizing maintenance costs. Projectors featuring this solution have a sealed engine that prevents dust from settling on the color-wheel sensor, as well as a vertical board configuration to keep dust away from the thermal sensor. These projectors can also be fitted with a 3D Dust Filter for further protection, along with a Lens Shield to ensure that projected images remain bright.

* Compatible 3D glasses required
Note: Specifications vary depending on model

PRODUCT POSITIONING

Professional

Crystal clear in any room

With projection this crisp and bright, even your most complex concepts will be easily grasped by associates and clients. The power of your ideas will shine through with the high resolution and brilliant color of professional series projectors, while top-notch technology keep you in complete control.

- P7605
- P7505
- P7215
- P7305W
- P5307WB
- P5207B
- P1510
- P1500

Essential

Build and grow your business

Deliver your bright ideas effectively with an Essential Series projector. Fine visuals and easy-to-use, long-lasting technology help you maximize the power of your thoughts, while adhering to your bottom line.

- P1373WB
- P1380W
- P1383W
- P1276
- P1273B
- P1283
- X1373WH
- X1273
- P1173
- X1173
- X1173A
- X113PH
- X113

Education

Small space, big picture

Short-throw series projectors portray clear, large images even when positioned very close to the projection screen. This makes them ideal for use in education environments, as well as in small rooms. WXGA resolution brings tiny details into focus, while Acer's color-enhancement technologies deliver vivid image.

- U5313W
- S1370WHn
- S1383WHne
- U5213
- S1212
- S1213Hne
- S1283e
- S1283Hne

LED

Ideas in your pocket

Some of your best ideas happen outside the boardroom-and now you can share them when they happen with Acer LED series projectors. Discuss concepts and motivate others, even without a PC, where you go. With models as slim as 1"(24.5mm), the world of self-expression is in your pocket.

- K335
- K137
- K135
- K132
- C205
- C120

Home entertainment

Larger, brighter cinema

Show movies or video presentations on a mammoth scale (up to 300 inches or 762 cm in size) in a billion colors and with astonishing clarity. Turn your living room or boardroom into a movie house with Acer Home Theater projectors, for a cinematic experience that is truly awesome.

- H9505BD
- H7532BD
- H6520BD
- H6510BD
- H5380BD

Product Comparison

Professional

Model name	P7605	P7505	P7215
Product Photo			
Display Panel	0.67" DarkChip™ 3 DMD DLP®	0.65" DarkChip™ 2 DMD DLP®	0.7" DarkChip™ 2 DMD DLP®
Resolution	Native WUXGA (1,920 x 1,200) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native 1080p (1,920 x 1,080) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), 1080p (1,920 x 1,080)
Aspect Ratio	16:10 (Native), 4:3, 16:9	16:9 (Native), 4:3	4:3 (Native), 16:9
Contrast Ratio	10,000:1	10,000:1	2100:1
Brightness	5,000 ANSI Lumens (Standard), 4,000 ANSI Lumens (ECO)	5,000 ANSI Lumens (Standard), 4,000 ANSI Lumens (ECO)	6,000 ANSI Lumens (Standard), 4,800 ANSI Lumens (ECO)
Projection Lens	F = 2.45 ~ 2.9, f = 22.18mm ~ 33.27mm 1:1.5 Manual Zoom and Manual Focus	F = 2.45 ~ 2.9, f = 22.18mm ~ 33.27mm 1:1.5 Manual Zoom and Manual Focus	F = 1.77 ~ 1.93, f = 28.64mm ~ 34.35mm 1:1.2 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	20" (52cm) ~ 300" (762cm)	20" (50cm) ~ 300" (762cm)	25" (64cm) ~ 300" (762cm)
Projection Distance	3.3' (1.0m) ~ 31.7' (9.7m)	3.3' (1.0m) ~ 32.7' (10.0m)	4.0' (1.2m) ~ 40.0' (12.2m)
Throw Ratio	62"@2m (1.49 ~ 2.28:1)	60"@2m (1.50 ~ 2.28:1)	49"@2m (2.00 ~ 2.40:1)
Lamp Type	Osram 370 W user replaceable UHP lamp	Osram 370 W user replaceable UHP lamp	Osram 330 W user replaceable P-VIP lamp
Lamp Life	1,500 Hours (Standard), 3,500 Hours (ECO), 4,500 Hours (ExtremeEco)*	1,500 Hours (Standard), 3,500 Hours (ECO), 4,500 Hours (ExtremeEco)*	2,000 Hours (Standard), 2,500 Hours (ECO)
Keystone Correction	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	Two Internal Speaker with 3 watts Output	Two Internal Speaker with 3 watts Output	Two Internal Speaker with 5 watts Output
Weight	15.4 lbs (7.0Kg)	15.4 lbs (7.0Kg)	15.6 lbs (7.1Kg)
Dimensions	398 x 310 x 130 mm (15.7" x 12.2" x 5.1")	398 x 310 x 130 mm (15.7" x 12.2" x 5.1")	398 x 309 x 126 mm (15.7" x 12.2" x 5.0")
Digital Zoom	2X	2X	2X
Lens Shift	+/-15% (Horizontal Shift), 100~120% (Vertical Offset), Manual	+/-15% (Horizontal Shift), 105~130% (Vertical Offset), Manual	N/A
Multimedia Playback (USB and/or SD I/O)	Photo Slide Show/ Video playback/ Audio playback/ Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	Photo Slide Show/ Video playback/ Audio playback/ Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	N/A
Ethernet Network (LAN) Capability	DLNA compliant for Photo, Music and Streaming Video playback for Windows & Mac PC Screen Mirroring for Windows & Mac PC Streaming Video playback for Windows & Mac PC Crestron projector remote control for Windows & Mac PC	DLNA compliant for Photo, Music and Streaming Video playback for Windows & Mac PC Screen Mirroring for Windows & Mac PC Streaming Video playback for Windows & Mac PC Crestron projector remote control for Windows & Mac PC	Crestron projector remote control for Windows & Mac PC
Wireless Capability	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App / Crestron projector remote control	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App / Crestron projector remote control	N/A
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	460 Watts (Operation), 0.5 Watts (Standby, LAN off)	460 Watts (Operation), 0.5 Watts (Standby, LAN off)	435 Watts (Operation), 0.5 Watts (Standby)
Noise Level	36 dBA (Standard mode), 30 dBA (ECO mode)- w/o dust filter	36 dBA (Standard mode), 30 dBA (ECO mode)- w/o dust filter	34 dBA (Standard mode), 30 dBA (ECO mode)- w/o dust filter
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 Component (3 RCA) x 1 HDMI (2D-to-3D, Video, Audio, HDCP) x 2 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2 USB (Type A) x 2 USB (Mini B) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 Component (3 RCA) x 1 HDMI (2D-to-3D, Video, Audio, HDCP) x 2 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2 USB (Type A) x 2 USB (Mini B) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 Component (3 RCA) x 1 HDMI (Video, Audio, HDCP) x 1 DVI (HDCP) x 1 PC Audio (Stereo mini jack) x 3
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (D-sub) x 1 Wired remote control port (Mini jack) x 1 12V DC (Screen control) x 1	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (D-sub) x 1 Wired remote control port (Mini jack) x 1 12V DC (Screen control) x 1	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (D-sub) x 1 Wired remote control port (Mini jack) x 1 12V DC (Screen control) x 1
Network Interface	Ethernet port (RJ45) x 1	Ethernet port (RJ45) x 1	Ethernet port (RJ45) x 1

* Lamp Life of ExtremeEco mode is based on an industrial standard of educational usage cycle, which consists of 45 minutes of Full, ECO and/or Dynamic modes, 75 minutes of ExtremeEco (lowest lamp power) mode and 15 minutes of Power Off mode.
** Lamp Life of ExtremeEco mode is based on an average usage cycle of 45 minutes ECO mode plus 75 minutes ExtremeEco (30% lamp power) mode.

Professional

Model name	P7305W	P5307WB	P5207B
Product Photo			
Display Panel	0.65" DarkChip™ 3 DMD DLP®	0.65" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®
Resolution	Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	16:10 (Native), 4:3, 16:9	16:10 (Native), 4:3, 16:9	4:3 (Native), 16:9
Contrast Ratio	10,000:1	10,000:1	10,000:1
Brightness	5,000 ANSI Lumens (Standard), 4,000 ANSI Lumens (ECO)	4,000 ANSI Lumens (Standard), 3,200 ANSI Lumens (ECO)	4,000 ANSI Lumens (Standard), 3,200 ANSI Lumens (ECO)
Projection Lens	F = 2.45 ~ 2.9, f = 22.18mm ~ 33.27mm 1:1.5 Manual Zoom and Manual Focus	F = 2.45~3.07, f = 15.78mm ~ 25.12mm 1:1.6 Manual Zoom and Manual Focus	F = 2.45~3.07, f = 15.78mm ~ 25.12mm, 1:1.6 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	20" (50cm) ~ 300" (762cm)	26" (66cm) ~ 300" (762cm)	22" (56cm) ~ 300" (762cm)
Projection Distance	3.3' (1.0m) ~ 32.7' (10.0m)	3.3' (1.0m) ~ 23.7' (7.2m)	3.3' (1.0m) ~ 28.2' (8.6m)
Throw Ratio	60"@2m (1.50 ~ 2.28:1)	83"@2m (1.12 ~ 1.80:1)	70"@2m (1.41 ~ 2.25:1)
Lamp Type	Osram 370 W user replaceable UHP lamp	Osram 280 W user replaceable P-VIP lamp	Osram 280 W user replaceable P-VIP lamp
Lamp Life	1,500 Hours (Standard), 3,500 Hours (ECO), 4,500 Hours (ExtremeEco)*	3,000 Hours (Standard), 4,000 Hours (ECO), 7,000 Hours (ExtremeEco)*	3,000 Hours (Standard), 4,000 Hours (ECO), 7,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	Two Internal Speaker with 3 watts Output	10 watts speaker (Two internal speaker with 5 watts output)	10 watts speaker (Two internal speaker with 5 watts output)
Weight	15.4 lbs (7.0Kg)	7.2 lbs (3.3Kg)	7.2 lbs (3.3Kg)
Dimensions	398 x 310 x 130 mm (15.7" x 12.2" x 5.1")	290 x 254 x 99 mm (11.4" x 10" x 3.9")	290 x 254 x 99 mm (11.4" x 10" x 3.9")
Digital Zoom	2X	2X	2X
Lens Shift	+/-15% (Horizontal Shift), 105~130% (Vertical Offset), Manual	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer
Ethernet Network (LAN) Capability	DLNA compliant for Photo, Music and Streaming Video playback for Windows & Mac PC Screen Mirroring for Windows & Mac PC Streaming Video playback for Windows & Mac PC Crestron projector remote control for Windows & Mac PC	DLNA compliant for Photo, Music and Streaming Video playback for Windows & Mac PC Screen Mirroring for Windows & Mac PC Streaming Video playback for Windows & Mac PC Crestron projector remote control for Windows & Mac PC	DLNA compliant for Photo, Music and Streaming Video playback for Windows & Mac PC Screen Mirroring for Windows & Mac PC Streaming Video playback for Windows & Mac PC Crestron projector remote control for Windows & Mac PC
Wireless Capability	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App / Crestron projector remote control	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App / Crestron projector remote control	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App / Crestron projector remote control
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	460 Watts (Operation), 0.5 Watts (Standby, LAN off)	430 Watts (Operation), <0.5 Watts (Standby, LAN off)	430 Watts (Operation), <0.5 Watts (Standby, LAN off)
Noise Level	36 dBA (Standard mode), 30 dBA (ECO mode)- w/o dust filter	35 dBA (Standard mode), 29 dBA (ECO mode)	35 dBA (Standard mode), 29 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 Component (3 RCA) x 1 HDMI (2D-to-3D, Video, Audio, HDCP) x 2 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2 USB (Type A) x 2 USB (Mini B) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 2 PC Audio (Stereo mini jack) x 2 Mic In (Stereo mini jack) x 1 USB (Type A) x 2 USB (Mini B) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 2 PC Audio (Stereo mini jack) x 2 Mic In (Stereo mini jack) x 1 USB (Type A) x 2 USB (Mini B) x 1
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (D-sub) x 1 Wired remote control port (Mini jack) x 1 12V DC (Screen control) x 1	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (Mini DIN) x 1 12V DC (Screen control) x 1	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (Mini DIN) x 1 12V DC (Screen control) x 1
Network Interface	Ethernet port (RJ45) x 1	Ethernet port (RJ45) x 1	Ethernet port (RJ45) x 1

Product Comparison

Professional

Model name	P1510	P1500
Product Photo		
Display Panel	0.65" DarkChip™ 3 DMD DLP®	0.65" DarkChip™ 2 DMD DLP®
Resolution	Native 1080p (1,920 x 1,080) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native 1080p (1,920 x 1,080) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	16:9 (Native), 4:3	16:9 (Native), 4:3
Contrast Ratio	10,000:1	10,000:1
Brightness	3,500 ANSI Lumens (Standard), 2,800 ANSI Lumens (ECO)	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)
Projection Lens	F = 2.55 ~ 2.87, f = 22.41mm ~ 26.82mm 1:1.1 Manual Zoom and Manual Focus	F = 2.59~2.87, f = 16.88mm ~ 21.88mm 1:1.3 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	28" (71cm) ~ 300" (762cm)	45" (115cm) ~ 300" (762cm)
Projection Distance	3.3' (1.0m) ~ 32.2' (9.8m)	4.9' (1.5m) ~ 25.1' (7.6m)
Throw Ratio	61"@2m (1.48 ~ 1.62:1)	79"@2m (1.15 ~ 1.50:1)
Lamp Type	Osram 250 W user replaceable P-VIP lamp	Osram 210 W user replaceable P-VIP lamp
Lamp Life	3,500 Hours (Standard), 5,000 Hours (ECO), 7,000 Hours (ExtremeEco)*	4,000 Hours (Standard), 5,000 Hours (ECO), 7,000 Hours (ExtremeEco)**
Keystone Correction	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes
Audio	One Internal Speaker with 2 watts Output	One Internal Speaker with 2 watts Output
Weight	5.5 lbs (2.5 Kg)	4.8 lbs (2.2 Kg)
Dimensions	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")	264 x 220 x 78 mm (10.4" x 8.7" x 3.1")
Digital Zoom	2X	2X
Lens Shift	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	N/A	N/A
Ethernet Network (LAN) Capability	N/A	N/A
Wireless Capability	Yes (By optional MHL wireless adapter)	N/A
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	310 Watts (Operation), <0.5 Watts (Standby)	290 Watts (Operation), <0.5 Watts (Standby)
Noise Level	33 dBA (Standard mode), 27 dBA (ECO mode)	32 dBA (Standard mode), 26 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1
Output Interface	PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1

* Lamp Life of ExtremeEco mode is based on an industrial standard of educational usage cycle, which consists of 45 minutes of Full, ECO and/or Dynamic modes, 75 minutes of ExtremeEco (lowest lamp power) mode and 15 minutes of Power Off mode.
** Lamp Life of ExtremeEco mode is based on an average usage cycle of 45 minutes ECO mode plus 75 minutes ExtremeEco (30% lamp power) mode.

Essential

Model name	P1373WB	P1380W	P1383W
Product Photo			
Display Panel	0.65" DarkChip™ 3 DMD DLP®	0.65" DarkChip™ 3 DMD DLP®	0.65" DarkChip™ 3 DMD DLP®
Resolution	Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	16:10 (Native), 4:3, 16:9	16:10 (Native), 4:3, 16:9	16:10 (Native), 4:3, 16:9
Contrast Ratio	17,000:1	17,000:1	17,000:1
Brightness	3,100 ANSI Lumens (Standard), 2,480 ANSI Lumens (ECO)	2,800 ANSI Lumens (Standard), 2,240 ANSI Lumens (ECO)	3,100 ANSI Lumens (Standard), 2,480 ANSI Lumens (ECO)
Projection Lens	F = 2.45 ~ 2.9, f = 22.18mm ~ 33.27mm 1:1.5 Manual Zoom and Manual Focus	F = 2.45~3.07, f = 15.78mm ~ 25.12mm 1:1.6 Manual Zoom and Manual Focus	F = 2.45~3.07, f = 15.78mm ~ 25.12mm, 1:1.6 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	27" (69cm) ~ 300" (762cm)	27" (69cm) ~ 300" (762cm)	27" (69cm) ~ 300" (762cm)
Projection Distance	3.3' (1.0m) ~ 32.9' (10.0m)	3.3' (1.0m) ~ 32.9' (10.0m)	3.3' (1.0m) ~ 32.9' (10.0m)
Throw Ratio	60"@2m (1.55 ~ 1.70:1)	60"@2m (1.55 ~ 1.70:1)	60"@2m (1.55 ~ 1.70:1)
Lamp Type	Philips 190 W user replaceable UHP lamp	Osram 190 W user replaceable P-VIP lamp	Osram 190 W user replaceable P-VIP lamp
Lamp Life	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual & Auto
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	One Internal Speaker with 2 watts Output	One Internal Speaker with 2 watts Output	One Internal Speaker with 2 watts Output
Weight	5.1 lbs (2.3 Kg)	5.5 lbs (2.5 Kg)	5.5 lbs (2.5 Kg)
Dimensions	288 x 225 x 83 mm (11.3" x 8.9" x 3.3")	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")
Digital Zoom	2X	2X	2X
Lens Shift	N/A	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	N/A	N/A
Ethernet Network (LAN) Capability	DLNA compliant for Photo, Music and Streaming Video playback for Windows & Mac PC Screen Mirroring for Windows & Mac PC Streaming Video playback for Windows & Mac PC Crestron projector remote control for Windows & Mac PC	N/A	N/A
Wireless Capability	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App / Crestron projector remote control	Yes (By optional MHL wireless adapter)	Yes (By optional MHL wireless adapter)
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	240 Watts (Operation), <0.5 Watts (Standby, LAN off)	235 Watts (Operation), <0.5 Watts (Standby)	235 Watts (Operation), <0.5 Watts (Standby)
Noise Level	32 dBA (Standard mode), 30 dBA (ECO mode)	31 dBA (Standard mode), 28 dBA (ECO mode)	31 dBA (Standard mode), 28 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1 USB (Type A) x 2 USB (Mini B) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (Mini DIN) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1
Network Interface	Ethernet port (RJ45) x 1	N/A	N/A

Product Comparison

Essential

Model name	X1373WH	P1276	P1273B
Product Photo			
Display Panel	0.65" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®
Resolution	Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	16:10 (Native), 4:3, 16:9	4:3 (Native), 16:9	4:3 (Native), 16:9
Contrast Ratio	13,000:1	13000:1	17,000:1
Brightness	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	3,500 ANSI Lumens (Standard), 2,800 ANSI Lumens (ECO)	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)
Projection Lens	F = 2.56 ~ 2.8, f = 21.00mm ~ 23.00mm 1:1.1 Manual Zoom and Manual Focus	F = 2.41 ~ 2.55, f = 21.79mm ~ 23.99mm 1:1.1 Manual Zoom and Manual Focus	F = 2.41 ~ 2.55, F = 21.79mm ~ 23.99mm 1:1.1 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	28" (71cm) ~ 300" (762cm)	23" (58cm) ~ 300" (762cm)	23" (58cm) ~ 300" (762cm)
Projection Distance	3.3' (1.0m) ~ 31.8' (9.7m)	3.3' (1.0m) ~ 39.0' (11.9m)	3.3' (1.0m) ~ 39.0' (11.9m)
Throw Ratio	62"@2m (1.50 ~ 1.65:1)	50"@2m (1.95 ~ 2.15:1)	50"@2m (1.95 ~ 2.15:1)
Lamp Type	Osram 190 W user replaceable P-VIP lamp	Osram 240 W user replaceable P-VIP lamp	Philips 190 W user replaceable UHP lamp
Lamp Life	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*	3,500 Hours (Standard), 5,000 Hours (ECO), 7,000 Hours (ExtremeEco)*	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual & Auto
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	One Internal Speaker with 3 watts Output	One Internal Speaker with 2 watts Output	One Internal Speaker with 2 watts Output
Weight	4.4 lbs (2.0 Kg)	5.3 lbs (2.4 Kg)	5.1 lbs (2.3 Kg)
Dimensions	264 x 220 x 78 mm (10.4" x 8.7" x 3.1")	288 x 225 x 83 mm (11.3" x 8.9" x 3.3")	288 x 225 x 83 mm (11.3" x 8.9" x 3.3")
Digital Zoom	2X	2X	2X
Lens Shift	N/A	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	N/A	N/A	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer
Ethernet Network (LAN) Capability	N/A	N/A	DLNA compliant for Photo, Music and Streaming Video playback for Windows & Mac PC Screen Mirroring for Windows & Mac PC Streaming Video playback for Windows & Mac PC Crestron projector remote control for Windows & Mac PC
Wireless Capability	Yes (By optional MHL wireless adapter)	N/A	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App / Crestron projector remote control
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	240 Watts (Operation), <0.5 Watts (Standby)	305 Watts (Operation), <0.5 Watts (Standby)	240 Watts (Operation), <0.5 Watts (Standby)
Noise Level	30 dBA (Standard mode), 26 dBA (ECO mode)	34 dBA (Standard mode), 30 dBA (ECO mode)	32 dBA (Standard mode), 30 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1 USB (Type A) x 2 USB (Mini B) x 1
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1 RS232 (Mini DIN) x 1	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (Mini DIN) x 1
Network Interface	N/A	N/A	Ethernet port (RJ45) x 1

* Lamp Life of ExtremeEco mode is based on an industrial standard of educational usage cycle, which consists of 45 minutes of Full, ECO and/or Dynamic modes, 75 minutes of ExtremeEco (lowest lamp power) mode and 15 minutes of Power Off mode.
** Lamp Life of ExtremeEco mode is based on an average usage cycle of 45 minutes ECO mode plus 75 minutes ExtremeEco (30% lamp power) mode.

Essential

Model name	P1283	X1273	P1173
Product Photo			
Display Panel	0.55" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®
Resolution	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native SVGA (800 x 600) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	4:3 (Native), 16:9	4:3 (Native), 16:9	4:3 (Native), 16:9
Contrast Ratio	17,000:1	13,000:1	13,000:1
Brightness	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)
Projection Lens	F = 2.41 ~ 2.55, f = 21.79mm ~ 23.99mm 1:1.1 Manual Zoom and Manual Focus	F = 2.57 ~ 2.65, f = 21.00mm ~ 23.10mm 1:1.1 Manual Zoom and Manual Focus	F = 2.57 ~ 2.65, f = 21.00mm ~ 23.10mm 1:1.1 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	23" (58cm) ~ 300" (762cm)	24" (61cm) ~ 300" (762cm)	24" (61cm) ~ 300" (762cm)
Projection Distance	3.3' (1.0m) ~ 39.0' (11.9m)	3.3' (1.0m) ~ 37.2' (11.3m)	3.3' (1.0m) ~ 37.2' (11.3m)
Throw Ratio	50"@2m (1.95 ~ 2.15:1)	53"@2m (1.86 ~ 2.04:1)	53"@2m (1.86 ~ 2.04:1)
Lamp Type	Osram 190 W user replaceable P-VIP lamp	Osram 190 W user replaceable P-VIP lamp	Osram 190 W user replaceable P-VIP lamp
Lamp Life	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)**	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)**	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)**
Keystone Correction	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual & Auto
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	One Internal Speaker with 2 watts Output	One Internal Speaker with 3 watts Output	One Internal Speaker with 3 watts Output
Weight	5.5 lbs (2.5 Kg)	4.4 lbs (2.0 Kg)	4.4 lbs (2.0 Kg)
Dimensions	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")	264 x 220 x 78 mm (10.4" x 8.7" x 3.1")	264 x 220 x 78 mm (10.4" x 8.7" x 3.1")
Digital Zoom	2X	2X	2X
Lens Shift	N/A	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	N/A	N/A	N/A
Ethernet Network (LAN) Capability	N/A	N/A	N/A
Wireless Capability	Yes (By optional MHL wireless adapter)	N/A	Yes (By optional MHL wireless adapter)
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	235 Watts (Operation), <0.5 Watts (Standby)	240 Watts (Operation), <0.5 Watts (Standby)	240 Watts (Operation), <0.5 Watts (Standby)
Noise Level	31 dBA (Standard mode), 28 dBA (ECO mode)	30 dBA (Standard mode), 26 dBA (ECO mode)	30 dBA (Standard mode), 26 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 PC Audio (Stereo mini jack) x 2	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1
Network Interface	N/A	N/A	N/A

Product Comparison

Essential

Model name	X1173 / X1173A	X113PH	X113
Product Photo			
Display Panel	0.55" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®
Resolution	Native SVGA (800 x 600) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native SVGA (800 x 600) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native SVGA (800 x 600) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	4:3 (Native), 16:9	4:3 (Native), 16:9	4:3 (Native), 16:9
Contrast Ratio	13,000:1	13,000:1	13,000:1
Brightness	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	2,800 ANSI Lumens (Standard), 2,240 ANSI Lumens (ECO)
Projection Lens	F = 2.57 ~ 2.65, f = 21.00mm ~ 23.10mm 1:1.1 Manual Zoom and Manual Focus	F = 2.41 ~ 2.55, f = 21.79mm ~ 23.99mm 1:1.1 Manual Zoom and Manual Focus	F = 2.41 ~ 2.55, f = 21.79mm ~ 23.99mm 1:1.1 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	24" (61cm) ~ 300" (762cm)	23" (58cm) ~ 300" (762cm)	23" (58cm) ~ 300" (762cm)
Projection Distance	3.3' (1.0m) ~ 37.2' (11.3m)	3.3' (1.0m) ~ 39.0' (11.9m)	3.3' (1.0m) ~ 39.0' (11.9m)
Throw Ratio	53"@2m (1.86 ~ 2.04:1)	50"@2m (1.95 ~ 2.15:1)	50"@2m (1.95 ~ 2.15:1)
Lamp Type	Osram 190 W user replaceable P-VIP lamp	Osram 190 W user replaceable P-VIP lamp	Osram 190 W user replaceable P-VIP lamp
Lamp Life	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*	5,000 Hours (Standard), 6,000 Hours (ECO), 7,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	One Internal Speaker with 3 watts Output (X1173A only)	N/A	N/A
Weight	4.4 lbs (2.0 Kg)	5.5 lbs (2.5 Kg)	5.5 lbs (2.5 Kg)
Dimensions	264 x 220 x 78 mm (10.4" x 8.7" x 3.1")	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")
Digital Zoom	2X	2X	2X
Lens Shift	N/A	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	N/A	N/A	N/A
Ethernet Network (LAN) Capability	N/A	N/A	N/A
Wireless Capability	N/A	N/A	N/A
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	240 Watts (Operation), <0.5 Watts (Standby)	235 Watts (Operation), <0.5 Watts (Standby)	235 Watts (Operation), <0.5 Watts (Standby)
Noise Level	30 dBA (Standard mode), 26 dBA (ECO mode)	31 dBA (Standard mode), 28 dBA (ECO mode)	31 dBA (Standard mode), 28 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 PC Audio (Stereo mini jack) x 2 (X1173A only)	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 1	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1
Output Interface	Analog RGB (D-sub) x 1 (X1173A only) PC Audio (Stereo mini jack) x 1 (X1173A only)	N/A	N/A
Control Interface	USB (Mini-B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1	USB (Mini-B) x 1

* Lamp Life of ExtremeEco mode is based on an industrial standard of educational usage cycle, which consists of 45 minutes of Full, ECO and/or Dynamic modes, 75 minutes of ExtremeEco (lowest lamp power) mode and 15 minutes of Power Off mode.
** Lamp Life of ExtremeEco mode is based on an average usage cycle of 45 minutes ECO mode plus 75 minutes ExtremeEco (30% lamp power) mode.

Education

Model name	U5313W	S1370WHn	S1383WHne
Product Photo			
Display Panel	0.65" DarkChip™ 3 DMD DLP®	0.65" DarkChip™ 3 DMD DLP®	0.65" DarkChip™ 3 DMD DLP®
Resolution	"Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)"	Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), 1080p (1,920 x 1,080)	Native WXGA (1,280 x 800) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	16:10 (Native), 4:3, 16:9	16:10 (Native), 4:3, 16:9	16:10 (Native), 4:3, 16:9
Contrast Ratio	10000:1	10000:1	13,000:1
Brightness	3,100 ANSI Lumens (Standard), 2,480 ANSI Lumens (ECO)	2,500 ANSI Lumens (Standard), 2,000 ANSI Lumens (ECO)	3,200 ANSI Lumens (Standard), 2,560 ANSI Lumens (ECO)
Projection Lens	F = 2.6, f = 5.27mm, Manual Focus	F = 2.8, f = 7.35mm Manual Focus	F = 2.8, f = 7.51mm Manual Focus
Projection Screen Size (Diagonal)	69" (174cm) ~ 100" (254cm)	89" (226cm) ~ 300" (762cm)	36" (91cm) ~ 300" (762cm)
Projection Distance	7.1" (18cm) ~ 16.5" (42cm)	3.3' (1.0m) ~ 11.0' (3.4m)	1.3' (0.4m) ~ 11.0' (3.4m)
Throw Ratio	87"@32cm (0.35:1)	87"@98cm (0.52:1)	87"@98cm (0.52:1)
Lamp Type	Osram 280 W user replaceable P-VIP lamp	Osram 190 W user replaceable P-VIP lamp	Osram 210 W user replaceable P-VIP lamp
Lamp Life	3,000 Hours (Standard), 4,000 Hours (ECO), 7,000 Hours (ExtremeEco)*	5,000 Hours (Standard), 6,000 Hours (ECO), 7,000 Hours (ExtremeEco)*	4,000 Hours (Standard), 6,000 Hours (ECO), 8,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	One internal speaker with 10 watts output	One Internal Speaker with 2 watts Output	One Internal Speaker with 10 watts Output
Weight	15.9 lbs (7.2Kg)	5.7 lbs (2.6 Kg)	6.2 lbs (2.8 Kg)
Dimensions	357 x 367 x 231 mm (14" x 14.4" x 9.1")	288 x 225 x 83 mm (11.3" x 8.9" x 3.3")	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")
Digital Zoom	2X	2X	2X
Lens Shift	N/A	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	N/A	N/A	N/A
Ethernet Network (LAN) Capability	Crestron projector remote control for Windows & Mac PC	Crestron projector remote control for Windows & Mac PC	Crestron projector remote control for Windows & Mac PC
Wireless Capability	N/A	N/A	Yes (By optional MHL wireless adapter)
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	350W Watts (Operation), <0.5 Watts (Standby)	250 Watts (Operation), <0.5 Watts (Standby)	260 Watts (Operation), <0.5 Watts (Standby, LAN off)
Noise Level	34 dBA (Standard mode), 30 dBA (ECO mode)	32 dBA (Standard mode), 30 dBA (ECO mode)	31 dBA (Standard mode), 28 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2 L/R Audio (Stereo RCA) x 2 Mic In (Stereo mini jack) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1 Mic In (Stereo mini jack) x 1
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1 RS232 (D-sub) x 1 12V DC (Screen control) x 1 RF receiver jack (For Interactive SmartPen) x 1	USB (Type B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1 RF receiver jack (For Interactive SmartPen) x 1
Network Interface	Ethernet port (RJ45) x 1	Ethernet port (RJ45) x 1	Ethernet port (RJ45) x 1

Product Comparison

Education

Model name	U5213	S1212	S1213Hne
Product Photo			
Display Panel	0.55" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®
Resolution	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	4:3 (Native), 16:9	4:3 (Native), 16:9	4:3 (Native), 16:9
Contrast Ratio	10000:1	17,000:1	17,000:1
Brightness	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)
Projection Lens	F = 2.6, f = 5.27mm, Manual Focus	F = 2.6, f = 6.90mm Manual Focus	F = 2.6, f = 6.90mm Manual Focus
Projection Screen Size (Diagonal)	60" (152cm) ~ 90" (229cm)	40" (102cm) ~ 300" (762cm)	40" (102cm) ~ 300" (762cm)
Projection Distance	7.5" (19cm) ~ 17.7" (45cm)	1.6' (0.5m) ~ 12.2' (3.7m)	1.6' (0.5m) ~ 12.2' (3.7m)
Throw Ratio	77"@34cm (0.43:1)	77"@95cm (0.61:1)	77"@95cm (0.61:1)
Lamp Type	Osram 280 W user replaceable P-VIP lamp	Philips 190 W user replaceable UHP lamp	Philips 190 W user replaceable UHP lamp
Lamp Life	3,000 Hours (Standard), 4,000 Hours (ECO), 7,000 Hours (ExtremeEco)**	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	One internal speaker with 10 watts output	One Internal Speaker with 2 watts Output	One Internal Speaker with 2 watts Output
Weight	15.9 lbs (7.2Kg)	5.9 lbs (2.7 Kg)	5.9 lbs (2.7 Kg)
Dimensions	357 x 367 x 231 mm (14" x 14.4" x 9.1")	272 x 229 x 104 mm (10.7" x 9.0" x 4.0")	272 x 229 x 104 mm (10.7" x 9.0" x 4.0")
Digital Zoom	2X	2X	2X
Lens Shift	N/A	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	N/A	N/A	N/A
Ethernet Network (LAN) Capability	Crestron projector remote control for Windows & Mac PC	N/A	Crestron projector remote control for Windows & Mac PC
Wireless Capability	N/A	N/A	Yes (By optional MHL wireless adapter)
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	350W Watts (Operation), <0.5 Watts (Standby)	290 Watts (Operation), <0.5 Watts (Standby)	290 Watts (Operation), <0.5 Watts (Standby)
Noise Level	34 dBA (Standard mode), 30 dBA (ECO mode)	31 dBA (Standard mode), 26 dBA (ECO mode)	31 dBA (Standard mode), 26 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2 L/R Audio (Stereo RCA) x 2 Mic In (Stereo mini jack) x 1	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 PC Audio (Stereo mini jack) x 1 L/R Audio (Stereo RCA) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2 L/R Audio (Stereo RCA) x 1
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1 RS232 (D-sub) x 1 12V DC (Screen control) x 1 RF receiver jack (For Interactive SmartPen) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1 RF receiver jack (For Interactive SmartPen) x 1
Network Interface	Ethernet port (RJ45) x 1	N/A	Ethernet port (RJ45) x 1

* Lamp Life of ExtremeEco mode is based on an industrial standard of educational usage cycle, which consists of 45 minutes of Full, ECO and/or Dynamic modes, 75 minutes of ExtremeEco (lowest lamp power) mode and 15 minutes of Power Off mode.
** Lamp Life of ExtremeEco mode is based on an average usage cycle of 45 minutes ECO mode plus 75 minutes ExtremeEco (30% lamp power) mode.

Education

Model name	S1283e	S1283Hne
Product Photo		
Display Panel	0.55" DarkChip™ 3 DMD DLP®	0.55" DarkChip™ 3 DMD DLP®
Resolution	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native XGA (1,024 x 768) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	4:3 (Native), 16:9	4:3 (Native), 16:9
Contrast Ratio	13,000:1	13,000:1
Brightness	3,100 ANSI Lumens (Standard), 2,480 ANSI Lumens (ECO)	3,100 ANSI Lumens (Standard), 2,480 ANSI Lumens (ECO)
Projection Lens	F = 2.8, f = 7.26mm Manual Focu	F = 2.8, f = 7.26mm Manual Focus
Projection Screen Size (Diagonal)	32" (81cm) ~ 300" (762cm)	32" (81cm) ~ 300" (762cm)
Projection Distance	1.3' (0.4m) ~ 12.3' (3.8m)	1.3' (0.4m) ~ 12.3' (3.8m)
Throw Ratio	77"@97cm (0.617:1)	77"@97cm (0.617:1)
Lamp Type	Osram 210 W user replaceable P-VIP lamp	Osram 210 W user replaceable P-VIP lamp
Lamp Life	4,000 Hours (Standard), 6,000 Hours (ECO), 8,000 Hours (ExtremeEco)*	4,000 Hours (Standard), 6,000 Hours (ECO), 8,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes
Audio	One Internal Speaker with 10 watts Output	One Internal Speaker with 10 watts Output
Weight	6.2 lbs (2.8 Kg)	6.2 lbs (2.8 Kg)
Dimensions	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")
Digital Zoom	2X	2X
Lens Shift	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	N/A	N/A
Ethernet Network (LAN) Capability	N/A	Crestron projector remote control for Windows & Mac PC
Wireless Capability	N/A	Yes (By optional MHL wireless adapter)
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	260 Watts (Operation), <0.5 Watts (Standby)	260 Watts (Operation), <0.5 Watts (Standby, LAN off)
Noise Level	31 dBA (Standard mode), 28 dBA (ECO mode)	31 dBA (Standard mode), 28 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 PC Audio (Stereo mini jack) x 1 Mic In (Stereo mini jack) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1 Mic In (Stereo mini jack) x 1
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1 RS232 (D-sub) x 1 RF receiver jack (For Interactive SmartPen) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1 RF receiver jack (For Interactive SmartPen) x 1
Network Interface	N/A	Ethernet port (RJ45) x 1

Product Comparison

LED

Model name	K335	K137	K132
Product Photo			
Display Panel	0.45" DMD DLP®	0.45" DMD DLP®	0.45" DMD DLP®
Resolution	Native WXGA (1280 x 800) Maximum UXGA (1,600 x 1,200), 1080p (1,920 x 1,080)	Native WXGA (1280 x 800) Maximum UXGA (1,600 x 1,200), 1080p (1,920 x 1,080)	Native WXGA (1280 x 800) Maximum UXGA (1,600 x 1,200), 1080p (1,920 x 1,080)
Aspect Ratio	16:10 (Native), 4:3, 16:9	16:10 (Native), 4:3, 16:9	16:10 (Native), 4:3, 16:9
Contrast Ratio	10,000:1	10,000:1	10,000:1
Brightness	1,000 ANSI Lumens (Standard), 800 ANSI Lumens (ECO)	700 ANSI Lumens (Standard), 560 ANSI Lumens (ECO)	600 ANSI Lumens (Standard), 480 ANSI Lumens (ECO)
Projection Lens	F = 1.5, f = 13.92mm Manual Focus	F = 2.0, f = 14.95mm Manual Focus	F = 2.0, f = 14.95mm Manual Focus
Projection Screen Size (Diagonal)	30" (76cm) ~ 100" (254cm)	17" (43cm) ~ 100" (254cm)	17" (43cm) ~ 100" (254cm)
Projection Distance	3.0' (0.9m) ~ 9.9' (3.0m)	1.8' (0.6m) ~ 10.6' (3.2m)	1.8' (0.6m) ~ 10.6' (3.2m)
Throw Ratio	66"@2m (1.40:1)	62"@2m (1.50:1)	62"@2m (1.50:1)
Lamp Type	RGB LEDs	RGB LEDs	RGB LEDs
Lamp Life	LED life 20,000 Hours (Standard), 30,000 Hours (ECO)	LED life 20,000 Hours (Standard), 30,000 Hours (ECO)	LED life 20,000 Hours (Standard), 30,000 Hours (ECO)
Keystone Correction	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual & Auto
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling, Up (10cm away from desk)	Front, Rear, Front-Ceiling, Rear-Ceiling, Up (10cm away from desk)	Front, Rear, Front-Ceiling, Rear-Ceiling, Up (10cm away from desk)
Ceiling Mounting Capability	Yes	N/A	N/A
Audio	One Internal Speaker with 3 watts Output	6W Stereo (3Wx2) Internal Speakers SRS WOW HD sound effect	One Internal Speaker with 2 watts Output
Weight	2.86 lbs (1.3 Kg)	1.12 lbs (0.51 Kg)	0.91 lbs (0.42 Kg)
Dimensions	232 x 166 x 46.3 mm (9.1" x 6.5" x 1.8")	189 x 116 x 41 mm (7.4" x 4.6" x 1.6")	140 x 116 x 41 mm (5.5" x 4.6" x 1.6")
Digital Zoom	1.7X	1.7X	1.7X
Lens Shift	N/A	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	N/A
Ethernet Network (LAN) Capability	N/A	N/A	N/A
Wireless Capability	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App	Yes (By optional MHL wireless adapter)
Power Supply	AC input 100~240V auto-switching power supply	DC input 19V via a 90W power adapter (AC input 100~240V auto-switching to DC 19V)	DC input 19V via a 65W power adapter (AC input 100~240V auto-switching to DC 19V)
Power Consumption	135 Watts (Operation), <0.5 Watts (Standby)	90 Watts (Operation), <0.5 Watts (Standby)	65 Watts (Operation), <0.5 Watts (Standby)
Noise Level	33 dBA (Standard mode), 29 dBA (ECO mode)	37 dBA (Bright mode), 31 dBA (Standard mode), 29 dBA (ECO mode)	33 dBA (Standard mode), 29 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 USB (Type A) x 1 USB (Mini B) x 1 SD (SDHC) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (via Optional 24-pin Universal to VGA cable) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 USB (Type A) x 1 SD (Micro, SDHC) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (via Optional 24-pin Universal to VGA cable) x 1 HDMI/MHL (Video, Audio, HDCP) x 1
Output Interface	PC Audio (Stereo mini jack) x 1	PC Audio (via Optional 24-pin Universal to 3.5mm Audio cable) x 1	PC Audio (via Optional 24-pin Universal to 3.5mm Audio cable) x 1
Control Interface	USB (Mini-B) x 1, shared with the one of Input Interface	USB (Type A) x 1, shared with the one of Input Interface	USB (Mini-B) x 1
Network Interface	N/A	N/A	N/A

* Lamp Life of ExtremeEco mode is based on an industrial standard of educational usage cycle, which consists of 45 minutes of Full, ECO and/or Dynamic modes, 75 minutes of ExtremeEco (lowest lamp power) mode and 15 minutes of Power Off mode.
** Lamp Life of ExtremeEco mode is based on an average usage cycle of 45 minutes ECO mode plus 75 minutes ExtremeEco (30% lamp power) mode.

LED

Model name	K135	C205	C120
Product Photo			
Display Panel	0.45" DMD DLP®	0.3" DMD DLP®	0.3" DMD DLP®
Resolution	Native WXGA (1280 x 800) Maximum UXGA (1,600 x 1,200), 1080p (1,920 x 1,080)	Native FWVGA (854 x 480) Maximum WXGA (1,280 x 800)	Native FWVGA (854 x 480) Maximum WXGA (1,280 x 800)
Aspect Ratio	16:10 (Native), 4:3, 16:9	16:9 (Native), 4:3	16:9 (Native), 4:3
Contrast Ratio	10,000:1	1,000:1	1,000:1
Brightness	600 ANSI Lumens (Standard), 480 ANSI Lumens (ECO)	200 ANSI Lumens (Standard), 160 ANSI Lumens (ECO)	"100 ANSI Lumens (Standard) , 75 ANSI Lumens (ECO), 60 ANSI Lumens (USB max.)
Projection Lens	F = 2.0, f = 14.95mm Manual Focus	F = 1.8, f = 7.18mm Manual Focus	F = 1.87, f = 11.00mm Manual Focus
Projection Screen Size (Diagonal)	17" (43cm) ~ 100" (254cm)	30" (76cm) ~ 100" (254cm)	10" (25cm) ~ 100" (254cm)
Projection Distance	1.8' (0.6m) ~ 10.6' (3.2m)	2.4' (0.73m) ~ 7.9' (2.4m)	1.2' (0.4m) ~ 12.0' (3.7m)
Throw Ratio	62"@2m (1.50:1)	82"@2m (1.1:1)	55"@2m (1.65:1)
Lamp Type	RGB LEDs	RGB LEDs	RGB LED
Lamp Life	LED life 20,000 Hours (Standard), 30,000 Hours (ECO)	LED life 20,000 Hours (Standard), 30,000 Hours (ECO)	LED life 20,000 Hours
Keystone Correction	+/-40 Degrees (Vertical), Manual & Auto	N/A	N/A
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling, Up (10cm away from desk)	Front, Up (10cm away from desk)	N/A
Ceiling Mounting Capability	N/A	N/A	N/A
Audio	One Internal Speaker with 2 watts Output	4W Stereo (2Wx2) Internal Speakers	N/A
Weight	0.95 lbs (0.43 Kg)	10.7 oz (302 g)	6.34 oz (180 g)
Dimensions	140 x 116 x 41 mm (5.5" x 4.6" x 1.6")	144 x 108 x 27 mm (5.7" x 4.3" x 1.1")	120 x 82 x 25.7 mm (4.7" x 3.2" x 1.0")
Digital Zoom	1.7X	N/A	N/A
Lens Shift	N/A	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	N/A	N/A
Ethernet Network (LAN) Capability	N/A	N/A	N/A
Wireless Capability	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App	Yes (By optional MHL wireless adapter)	N/A
Power Supply	DC input 19V via a 65W power adapter (AC input 100~240V auto-switching to DC 19V)	DC input 19V via a 40W power adapter (AC input 100~240V auto-switching to DC 19V) Li-ion Rechargeable battery (3.7V, 3980mAh). 2 Hours (ECO mode), 1.5 Hours (Standard mode)	DC input 19V via a 40W power adapter (AC input 100~240V auto-switching to DC 19V)
Power Consumption	65 Watts (Operation), <0.5 Watts (Standby)	32 Watts (Operation), <0.5 Watts (Standby)	20 Watts (Operation), <0.5 Watts (Standby)
Noise Level	33 dBA (Standard mode), 29 dBA (ECO mode)	29 dBA (Bright mode), 25 dBA (ECO mode)	30 dBA (Standard mode), 24 dBA (ECO mode)
Input Interface	Analog RGB (via Optional 24-pin Universal to VGA cable) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 USB (Type A) x 1 SD (Micro, SDHC) x 1	HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1	USB (3.0 & 2.0, Micro-B) x 1
Output Interface	PC Audio (via 24-pin Universal to 3.5mm Audio cable) x 1	DC Out (5V/1A, USB Type A) x 1	N/A
Control Interface	USB (Type A) x 1, shared with the one of Input Interface	N/A	N/A
Network Interface	N/A	N/A	N/A

Product Comparison

Home entertainment

Model name	H9505BD	H7532BD	H6520BD
Product Photo			
Display Panel	0.65" DarkChip™ 2 DMD DLP®	0.65" DarkChip™ 3 DMD DLP®	0.65" DarkChip™ 3 DMD DLP®
Resolution	Native 1080p (1,920 x 1,080) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native 1080p (1,920 x 1,080) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native 1080p (1,920 x 1,080) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	16:9 (Native), 4:3	16:9 (Native), 4:3	16:9 (Native), 4:3
Contrast Ratio	10,000:1	50,000:1	10,000:1
Brightness	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	2,000 ANSI Lumens (Standard), 1,600 ANSI Lumens (ECO)	3,500 ANSI Lumens (Standard), 2,800 ANSI Lumens (ECO)
Projection Lens	F = 2.45 ~ 2.9, f = 22.18mm ~ 33.27mm 1:1.5 Manual Zoom and Manual Focus	F = 2.55 ~ 2.87, f = 22.41mm ~ 26.82mm 1:1.2 Manual Zoom and Manual Focus	F = 2.55 ~ 2.87, f = 22.41mm ~ 26.82mm 1:1.1 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	20" (50cm) ~ 300" (762cm)	37" (94cm) ~ 300" (762cm)	28" (71cm) ~ 300" (762cm)
Projection Distance	3.3' (1.0m) ~ 32.7' (10.0m)	4.9' (1.5m) ~ 32.9' (10.0m)	3.3' (1.0m) ~ 32.2' (9.8m)
Throw Ratio	60"@2m (1.50 ~ 2.28:1)	60"@2m (1.51 ~ 1.83:1)	61"@2m (1.48 ~ 1.62:1)
Lamp Type	Osram 280 W user replaceable P-VIP lamp	Osram 230 W user replaceable P-VIP lamp	Osram 250 W user replaceable P-VIP lamp
Lamp Life	3,000 Hours (Standard), 4,000 Hours (ECO), 5,000 Hours (ExtremeEco)*	2,500 Hours (Standard), 4,000 Hours (ECO)	3,500 Hours (Standard), 5,000 Hours (ECO), 7,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual & Auto	+/-40 Degrees (Vertical), Manual & Auto
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes	Yes
Audio	Two Internal Speaker with 3 watts Output	One Internal Speaker with 3 watts Output	One Internal Speaker with 2 watts Output
Weight	15.4 lbs (7.0Kg)	6.9 lbs (3.2Kg)	5.5 lbs (2.5 Kg)
Dimensions	398 x 310 x 130 mm (15.7" x 12.2" x 5.1")	294 x 229 x 95 mm (11.6" x 9.0" x 3.7")	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")
Digital Zoom	2X	2X	2X
Lens Shift	+/-15% (Horizontal Shift), 105~130% (Vertical Offset), Manual	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	Photo Slide Show / Video playback / Audio playback / Microsoft® Word, Excel, PowerPoint & Adobe PDF Viewer	N/A	N/A
Ethernet Network (LAN) Capability	DLNA compliant for Photo, Music and Streaming Video playback for Windows & Mac PC Screen Mirroring for Windows & Mac PC Streaming Video playback for Windows & Mac PC Crestron projector remote control for Windows & Mac PC	N/A	N/A
Wireless Capability	Wireless Mirroring Display / DLNA compliant / Acer eDisplay Management & App	Yes (By optional MHL wireless adapter)	Yes (By optional MHL wireless adapter)
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	337 Watts (Operation), 0.5 Watts (Standby, LAN off)	300 Watts (Operation), <0.5 Watts (Standby)	310 Watts (Operation), <0.5 Watts (Standby)
Noise Level	30 dBA (Standard mode), 27 dBA (ECO mode)- w/o dust filter	30 dBA (Standard mode), 26 dBA (ECO mode)	33 dBA (Standard mode), 27 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 Component (3 RCA) x 1 HDMI (2D-to-3D, Video, Audio, HDCP) x 2 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2 USB (Type A) x 2 USB (Mini B) x 1	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 Component (3 RCA) x 1 HDMI (Video, Audio, HDCP) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 HDMI (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 1
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	N/A	N/A
Control Interface	USB (Mini-B) x 1, shared with the one of Input Interface RS232 (D-sub) x 1 Wired remote control port (Mini jack) x 1 12V DC (Screen control) x 1	USB (Type B) x 1 RS232 (Mini DIN) x 1 12V DC (Screen control) x 1	USB (Mini-B) x 1
Network Interface	Ethernet port (RJ45) x 1	N/A	N/A

* Lamp Life of ExtremeEco mode is based on an industrial standard of educational usage cycle, which consists of 45 minutes of Full, ECO and/or Dynamic modes, 75 minutes of ExtremeEco (lowest lamp power) mode and 15 minutes of Power Off mode.
** Lamp Life of ExtremeEco mode is based on an average usage cycle of 45 minutes ECO mode plus 75 minutes ExtremeEco (30% lamp power) mode.

Home entertainment

Model name	H6510BD	H5380BD
Product Photo		
Display Panel	0.65" DarkChip™ 3 DMD DLP®	0.62" DarkChip™ 3 DMD DLP®
Resolution	Native 1080p (1,920 x 1,080) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)	Native 720p (1,280 x 720) Maximum UXGA (1,600 x 1,200), WUXGA (1,920 x 1,200)
Aspect Ratio	16:9 (Native), 4:3	16:9 (Native), 4:3
Contrast Ratio	10,000:1	17,000:1
Brightness	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)	3,000 ANSI Lumens (Standard), 2,400 ANSI Lumens (ECO)
Projection Lens	F = 2.59~2.87, f = 16.88mm ~ 21.88mm 1:1.3 Manual Zoom and Manual Focus	F = 2.50 ~ 2.67, f = 21.86mm ~ 24.00mm 1:1.1 Manual Zoom and Manual Focus
Projection Screen Size (Diagonal)	45" (115cm) ~ 300" (762cm)	27" (67cm) ~ 300" (762cm)
Projection Distance	4.9' (1.5m) ~ 25.1' (7.6m)	3.3' (1.0m) ~ 33.8' (10.3m)
Throw Ratio	79"@2m (1.15 ~ 1.50:1)	58"@2m (1.55 ~ 1.70:1)
Lamp Type	Osram 210 W user replaceable P-VIP lamp	Osram 190 W user replaceable P-VIP lamp
Lamp Life	4,000 Hours (Standard), 5,000 Hours (ECO), 7,000 Hours (ExtremeEco)**	5,000 Hours (Standard), 6,000 Hours (ECO), 10,000 Hours (ExtremeEco)*
Keystone Correction	+/-40 Degrees (Vertical), Manual	+/-40 Degrees (Vertical), Manual & Auto
Projection Mode	Front, Rear, Front-Ceiling, Rear-Ceiling	Front, Rear, Front-Ceiling, Rear-Ceiling
Ceiling Mounting Capability	Yes	Yes
Audio	One Internal Speaker with 2 watts Output	One Internal Speaker with 2 watts Output
Weight	4.8 lbs (2.2 Kg)	5.5 lbs (2.5 Kg)
Dimensions	264 x 220 x 78 mm (10.4" x 8.7" x 3.1")	314 x 223 x 93 mm (12.4" x 8.8" x 3.7")
Digital Zoom	2X	2X
Lens Shift	N/A	N/A
Multimedia Playback (USB and/or SD I/O)	N/A	N/A
Ethernet Network (LAN) Capability	N/A	N/A
Wireless Capability	N/A	Yes (By optional MHL wireless adapter)
Power Supply	AC input 100~240V auto-switching power supply	AC input 100~240V auto-switching power supply
Power Consumption	290 Watts (Operation), <0.5 Watts (Standby)	235 Watts (Operation), <0.5 Watts (Standby)
Noise Level	32 dBA (Standard mode), 26 dBA (ECO mode)	31 dBA (Standard mode), 28 dBA (ECO mode)
Input Interface	Analog RGB/Component Video (D-sub) x 1 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 Component (3 RCA) x 1 HDMI (Video, Audio, HDCP) x 2 PC Audio (Stereo mini jack) x 1	Analog RGB/Component Video (D-sub) x 2 Composite Video (RCA) x 1 S-Video (Mini DIN) x 1 HDMI/MHL (Video, Audio, HDCP) x 1 PC Audio (Stereo mini jack) x 2
Output Interface	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1	Analog RGB (D-sub) x 1 PC Audio (Stereo mini jack) x 1
Control Interface	USB (Mini-B) x 1 RS232 (D-sub) x 1	USB (Mini-B) x 1 RS232 (D-sub) x 1

24/7 availability, reliability and efficiency

Acer servers and storage systems are built to grow with your business. They deliver the latest technology, a flexible range of products, and standardized management tools to our SOHO, SMB, government and education customers. And, since Acer is committed to environmental sustainability and conservation of energy, our servers also feature intelligent chassis designs and use of 80 PLUS® energy-efficient power supplies, plus they have RoHS and ENERGY STAR® certifications to comply with international standards.

ALL THE BUSINESS ESSENTIALS

Agile

Acer servers and storage systems come in a full range of form factors, specifications and options, offering the flexibility to meet the growing needs of your business. Rapid deployment speeds up time-to-market to accelerate your success. And with Acer's channel-focused business model, you can customize configurations to meet your requirements with the support of our channel partners.

Cost-effective

Acer strives to give you the best value through aggressive pricing and by offering standard configurations with options, so you only buy what you need. Power-saving technologies and Gold-level compliance with the 80 PLUS® program cut energy costs to boost your bottom line.

End-to-end

From entry-level to ultra-dense, there's an Acer commercial product to match your needs. A full range of servers and storage systems offers solid performance and scalability to meet your requirements as your business expands.

Reliable

Acer's proven track record makes it a top-brand choice for businesses. Our full line of enterprise-level, high MTBF parts and rigorous reliability standards — functionality tests are repeated 20,000+ times — ensure that our products deliver when you need them.

Note: Specifications vary depending on model. Actual product may vary from image show

Solutions for organizations of every size

Small Office Home Office

Large or small, all businesses appreciate reliable, consistent support. Acer servers come in a variety of form factors and price ranges to provide companies with the right IT for their needs. Whether as a first server, or for a branch office or simple data management, Acer's single-socket servers work for you.

Small and Medium Business

While scaling up and building your business, your data grows as well. Acer's mainstream one- and two-socket servers come with powerful specifications and intelligent management tools that easily plug in and begin working for you. Considering virtualization? Cloud computing? Acer's enterprise-class solutions are designed to bring flexible IT environments to the SMB sector and enable high availability and manageability, while cutting operation overhead.

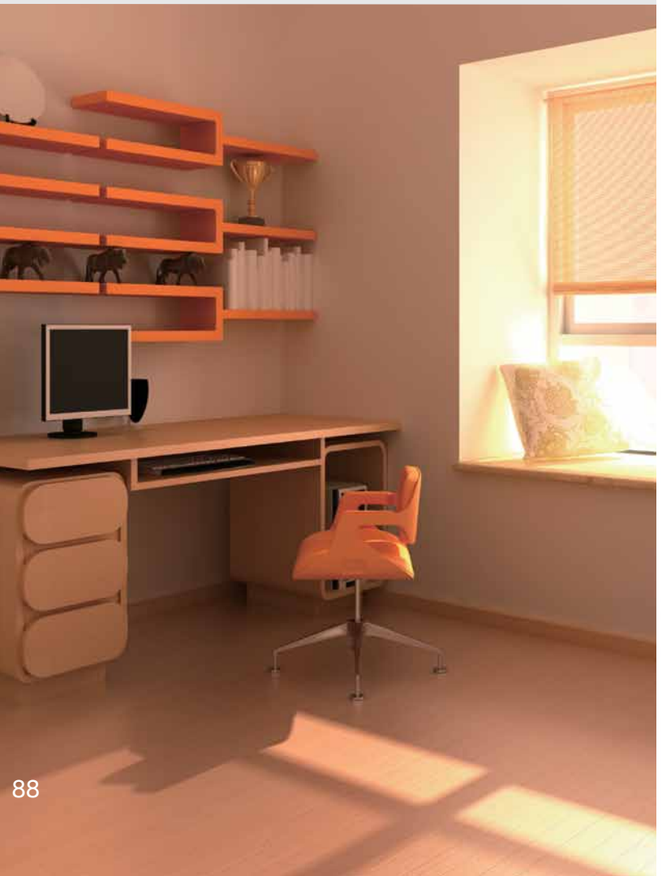
Government and Education

The Acer server portfolio meets the wide-ranging demands of government IT departments and schools for running industry standard applications. Based on our leading design architectures Acer servers deliver world-class performance, energy efficiency, manageability, and other features that are essential for government and education users.

Storage Solutions

Acer offers a robust range of storage solutions through our close partnership with Microsoft. For customers looking for highly efficient NAS or iSCSI SAN storage solutions, Acer servers are certified with Microsoft Windows Storage Server 2012 R2. Scaling up, Acer servers are certified with high-availability SAN devices. Small to large, Acer can grow with your business.

For users looking to increase their storage capacity per node, the Altos S140 provides direct-attach storage at a fraction of the cost of high-end SAN or NAS solutions.



Professional management, green infrastructure

Acer Smart Setup

Acer Smart Setup guides you through the server configuration and deployment process in a few clicks via a simple interface, so you can set up your system quickly and easily. This utility automatically detects hardware components to retrieve the proper drivers and configure the server intelligently for a Windows or Linux® operating system.

Acer Smart Console

Manage your servers anywhere with Acer Smart Console, a built-in system utility located on the onboard BMC of all except the most entry-level Acer servers. The intuitive interface is conveniently accessible through the browser of any networked client, so you can remotely take control of the system via iKVM functionality. Acer Smart Console offers out-of-band management regardless of OS status, providing flexibility in different system settings — even while IT staff is away. Administrators can also set proactive remote alerts using SNMP traps or email, so IT staff is promptly made aware of any irregularities.

Acer Smart Integration Pack for Microsoft System Center

Acer Smart Integration Pack for Microsoft System Center seamlessly blends Acer server hardware monitoring with Microsoft System Center Operation Manager and System Center Essentials. Integrated management packs enable IT staff to monitor server availability. System Center Console provides performance and resource optimization, server discovery, RAID status monitoring and agent-less monitoring features.

Acer Smart Server Manager

Acer Smart Server Manager (ASSM) offers all the functionality of Acer Smart Console, with additional features and the ability to manage up to 250 physical and virtual devices at the same time. Providing email alerts; SNMP trap configuration and collection; management for server hardware, OS and virtual machines; and connectivity to server-specific interfaces, ASSM is the perfect window for IT administrators. Additionally, it is the only 100% agent-less management software, meaning no extra software installation is needed for monitored systems. This powerful utility delivers management and alert monitoring for almost any scenario.

The latest version of Acer Smart Server Manager features new extensions to help IT personnel take control of their data center.

- The remote firmware update extension is a free tool that allows administrators to push firmware updates and customized BIOS images to like systems across the network. This robust new feature greatly decreases the work needed for deployment, so you can get your company's hardware working even faster than before.

- ASSM offers an optional power management extension that enables power capping on servers with Intel® Xeon® E3 and Intel® Xeon® E5 processors. The extension leverages Intel® Node Manager to dramatically cut power usage and costs by allowing a maximum amount of power to be assigned to virtual racks within the data center.

- The virtualization extension enables greater management of virtual machines from Microsoft Hyper-V or VMware, including performance-based alerts for pro-active virtual machine management.

- Optional integration with Acer Smart Client Manager allows for total management of your SMB's IT infrastructure.

Green computing

Acer participates in the Climate Savers® Computing Initiative and 80 PLUS® program for eco-consciousness. Our power supplies are optimized for systems that comply with the strictest standards for energy efficiency, performance and reliability. Our 80 PLUS® Bronze, Gold-certified and platinum-certified power supplies deliver 80% or better energy efficiency to ensure that energy paid for is energy used by our systems. Acer servers also operate with less CO2 emissions, reducing environmental impact.

Enterprise Solutions

Shared Resource Computing (SRC)

As a business grows, so does the number of computers and servers, along with the cost of maintenance and service. More and more commercial and public sectors have begun seeking the advantages of SRC, to 1) utilize resources (servers, desktops, storage, and other end points) more effectively, 2) leverage cloud technology to reduce the cost and upkeep of each device, and 3) offer flexibilities for multi-style users in secured and dedicated environment.

Solution offerings

Under the Acer enterprise solution portfolio, SRC offers three different types of solutions to adapt to different business and public-sector environments: SRC-Terminal for multiple classrooms and/or small offices; SRC-Desk for offices with a multiple-productivity-applications environment; and SRC-Web Standard for convenient access to applications, content and services via a universal web interface in a secure and dedicated structure.

Key benefits

- Fully optimized hardware resources for servers and zero/thin clients
- A virtual desktop can be deployed for less than the cost of a PC
- Saves up to 60% of typical traditional PC hardware cost
- Increases service levels with built-in high availability*
- Allows users to start small and scale on demand*
- Enables users to go from zero to production within a few hours**
- User access is available anytime from anywhere on any device*

* Available with certain configurations and solutions only
** With basic network and IT experience

Continuous Availability Computing Solutions

Embracing today's "Cloud Era," Acer has capitalized on its high-performance server technology and expertise in data-center management to launch the new Continuous Availability Computing (CAC) solutions.

Capacity and benefits

Continuous Availability Computing solutions support highly scalable computing, memory and storage capacities. They are specially designed for SMBs with 150 to 500 personnel. CAC is a certified Intel® Cloud Builders solution, and features the easy-to-use AcerCloud Smart Portal for rapid setup. The CAC, deployed with validated architectures for continuous future business expansion, reduces the total cost of ownership of a private cloud.

Cloud Smart Portal

The Cloud Smart Portal (CSP) can be deployed with various major hypervisors, e.g., VMware® ESXi, Hyper-V™ and XenServer. CSP fulfills the cloud features such as on-demand self-service, broad network access, resource pooling, rapid elasticity, and measured service.

Cloud Smart Portal (CSP) coupled with SAFE 3.0 ensures the data security of a private cloud, and benefits enterprise users by being more efficient, lowering TCO, and optimizing IT resources. Additionally, CSP allows for internal/external billing based on resource usage reports to help companies best manage their IT assets.

Coupled Cloud Solution

The Coupled Cloud solution utilizes high-availability software in compute nodes and storage nodes to fulfill the features of cloud computing, e.g., on-demand self-service, broad network access, resource pooling, rapid elasticity and measured service.

Solution offerings

The Coupled Cloud Solution "couples" both compute and storage servers on-premises or in remote data center to ensure no single-point-of-failure. The solution incorporates high-availability capability in compute nodes and storage nodes that provide enterprises continued service for mission-critical applications with minimum downtime. Coupled Cloud is a certified Intel® Cloud Builders solution and features the easy-to-use Cloud Smart Portal for cloud platform management.

Key benefits

- Highly available compute and storage nodes for ensuring business continuity
- Integrated hardware and software for best system performance
- Resource optimization for cost savings
- Transparency and measurability for better resource sharing and manageability

High-Performance Computing Solutions

For businesses and research institutes demanding the pinnacle of computing performance, Acer offers customized clustered solutions to meet all high-performance computing (HPC) needs.

Team of experts

Acer partners with companies and research institutions across the globe to deliver world-class HPC cluster solutions to its customers. These partners cover all ranges of the supercomputing field: networking, compute performance, high-performance storage, and HPC consulting. Additionally, Acer works closely with research institutions, including the University of Pisa. Below is a complete list of partners.

Compute
- Intel
- NVIDIA
- AMD

Interconnect
- Mellanox
- Intel

Storage
- DDN
- HDS

Cluster management and applications
- Bright Computing
- Altair
- Allinea
- ANSYS
- The Portland Group
- Microsoft
- SUSE

Competency centers

Acer supports worldwide access to high-performance computing competency centers that offer testing service facilities to customers interested in Acer's HPC systems and solutions. The competency centers provide a range of high-density systems that can be configured into a multitude of HPC solutions.

To learn more about each competency center, their solutions and contact information, please visit the competency center website at www.acer.com.

High-density Solutions

The Gemini Series is Acer's high-density range of multi-node rack servers, and is perfect for HPC environments. Through its revolutionary design, the Gemini Series enables density levels on par with blade systems, but at a fraction of the cost, and saves on energy consumption by sharing power supplies between nodes. The series supports both the latest Intel® Xeon® E5 processor family or AMD Opteron™ 6300 series processors and comes in 2U / 4-node designs.

For applications requiring a large compute and memory footprint, Acer also features its 2U, 4-socket AR585 F1 — used in Taiwan's National Center for High-performance Computing (NCHC*) large-scale supercomputer — and the latest Altos R580 F2. Coupled with Acer's wide range of other server and storage products, these high-density systems can be clustered into a total HPC solution for any level of performance intensity.

Acer and Intel® Cluster Ready

Acer offers certified Intel® Cluster Ready (ICR) solutions that are pre-tested to run a wide variety of technical computing applications. Additionally, Acer can customize a cluster to meet customers' needs and certify it with the ICR program to ensure its Intel-based cluster performs exactly the way it is designed to.

Intel® Cluster Ready supports HPC technical software from vendors such as Ansys, ESI Group, Altair Engineering, Siemens PLM software and many more. For a full list, please visit http://software.intel.com/en-us/articles/intel-cluster-ready-participating-vendors/.

Acer's series is already certified with Platform HPC down to four compute nodes. For more information about developing your own solution, please contact your local Acer representative.

For more information about the Intel® Cluster Ready program, please see www.intel.com/go/cluster.

Intel® Cluster Ready

Altair

Acer and Altair

Acer and Altair have partnered to certify and enable total integration of Acer's data-center-grade hardware with Altair's robust HPC workload management suite, called PBS Works. PBS Works provides engineers and researchers a hearty toolset to manage jobs, upload data from their desktop/workstation, and analyze cluster use. Having been first developed at NASA Ames in the 1990s, PBS Works has evolved and been implemented in major supercomputers over the past two decades, and is proven to deliver robust performance within its easy-to-manage framework.

For more information about Altair's software, please see http://www.altair.com and http://www.pbsworks.com.

* Ranked number 42 in the June 2011 list of Top500 supercomputers worldwide

Acer Altos tower servers

Model	C100 F3	T110 F3	T310 F3	T350 F2
Product Photo				
Processor	Intel® Xeon® E3-1200 v3 Intel® Core™ i7/i5/i3 Intel® Pentium®	Intel® Xeon® E3-1200 v3 Intel® Core™ i3 Intel® Pentium®	Intel® Xeon® E3-1200 v3 Intel® Core™ i3 Intel® Pentium®	Intel® Xeon® E5-2600 v2
Number of processors	1	1	1	2
Memory	2 x unbuffered DDR3 DIMMs	4 x unbuffered DDR3 DIMMs	4 x unbuffered DDR3 DIMMs	16 x registered or unbuffered DDR3 DIMMs
Number of hard disk drives	Up to 4 x 3.5" or 2.5" hot-pluggable HDDs	Up to 4 x 3.5" HDDs	Up to 4 x 3.5" hot-pluggable HDDs	Up to 8 x 3.5" hot-pluggable HDDs, or up to 24 x 2.5" hot-pluggable HDDs
Onboard RAID	Intel® RAID 0, 1, 5, 10	Intel® RAID 0, 1, 5, 10 SAS RAID 0, 1, 5, 10	Intel® RAID 0, 1, 5, 10 SAS RAID 0, 1, 5, 10	Intel® ESRT2 RAID 0, 1, 10 Intel® RSTe RAID 0, 1, 10, 5
Onboard ports	4 x USB 3.0 ports 2 x USB 2.0 ports Video port Display Port 3 x Gigabit LAN port	2 x USB 3.0 ports 6 x USB 2.0 ports Video port Serial port Gigabit LAN port	4 x USB 3.0 ports 4 x USB 2.0 ports Video port Serial port Management port 2 x Gigabit LAN ports ID LED	6 x USB 2.0 ports Video port Serial port Management port 4 x Gigabit LAN ports ID LED
Expansion slots	1 x PCIe® 3.0 slot	1 x PCIe® 3.0 slot 3 x PCIe® 2.0 slots	2 x PCIe® 3.0 slots 2 x PCIe® 2.0 slots	6 x PCIe® 3.0 slot 2 IO module slots
Form factor	Tower	Tower	Tower	Tower 4U rack-mountable
Power supply	250 W 80 PLUS® Gold, fixed	500 W 80 PLUS® Bronze fixed or 500 W 80 PLUS® Gold, fixed	500 x 80 PLUS® Gold, fixed, or 2 x 400 W 80 PLUS® Gold, hot-pluggable (1+1 redundant)	2 x 1200 W 80 PLUS® Platinum, hot-pluggable (1+1 redundant)

Larger power supplies are available for select models.

Acer Altos rack servers

Model	AR320 F2	R360 F2	R380 F2	AR580 F2
Product Photo				
Processor	Intel® Xeon® E3-1200 v2 Intel® Core™ i3	Intel® Xeon® E5-2600 v2	Intel® Xeon® E5-2600 v2	Intel® Xeon® E5-4600
Number of processors	1	2	2	4
Memory	4 x unbuffered DDR3 DIMMs	24 x registered, or 16 x unbuffered DDR3 DIMMs	24 x registered, or 16 x unbuffered DDR3 DIMMs	48 x registered or 32 x unbuffered DDR3 DIMMs
Number of hard disk drives	Up to 4 x 3.5" hot-pluggable HDDs	Up to 4 x 3.5" hot-pluggable HDDs, or up to 8 x 2.5" hot-pluggable HDDs	Up to 12 x 3.5" hot-pluggable HDDs, or up to 24 x 2.5" hot-pluggable HDDs	8 x 2.5" HDDs
Onboard RAID	Intel® RAID 0, 1, 5, 10	Intel® SATA RAID 0, 1, 10, 5 Intel ® ESRT2 RAID 0, 1, 10	Intel® SATA RAID 0, 1,10 Intel® ESRT2 RAID 0, 1, 10	Intel® SAS RAID 0, 1, 10, 5 Intel® ESRT2 RAID 0, 1, 10
Onboard ports	8 x USB 2.0 ports Video port Serial port Management port 2 x Gigabit LAN ports ID LED	5 x USB 2.0 ports Video port Serial LAN port Management port 4 x Gigabit LAN ports ID LED	5 x USB 2.0 ports 2 x Video ports Serial LAN port Management port 4 x Gigabit LAN ports ID LED	4 x USB 2.0 ports Video port 2 x 10 Gigabit Ethernet ports Optional dedicated management port (RJ-45) ID LED
Expansion slots	2 x PCIe® 3.0 slots	2 x PCIe® 3.0 slots 2 IO module slot	6 x PCIe® 3.0 slots 1 IO module slot	6 PCIe 3.0 slots 2 IO module slots
Form factor	1U rack-optimized	1U rack-optimized	2U rack-optimized	2U rack-optimized
Power supply	400 W 80 PLUS® Gold, Fixed or 2 x 400 W 80 PLUS® Gold, hot-pluggable (1+1 redundant)	2 x 750 W 80 PLUS® Platinum, hot-pluggable (1+1 redundant)	2 x 750 W 80 PLUS® Platinum, hot-pluggable (1+1 redundant)	2 x 1600 W 80 PLUS Platinum efficient (1+1 redundant)

Acer Altos high-density products

Model	AW2000h w/AW170h F2	AW2000h w/AW370h F2
Product Photo		
Number of nodes	4	
Processor (per node)	Intel® Xeon® E5-2600 v2 Intel® Xeon® E5-2600	
Number of processors (per node)	2	
Memory (per node)	8 x registered or unbuffered DDR3 DIMMs	16 x registered or unbuffered DDR3 DIMMs
Number of hard disk drives (per node)	3 x 3.5” or 2.5” HDDs	
Onboard RAID (per node)	Intel® RSTe RAID 0, 1, 10, 5 Intel® ESRT2 RAID 0, 1, 10	
Onboard ports (per node)	2 x USB 2.0 ports Video port 2 x Gigabit Ethernet ports Optional dedicated management port (RJ-45) Optional InfiniBand QDR / FDR port	
Expansion slots (per node)	1 PCIe 3.0 slot 1 I/O module slot	
Form factor	2U rack-optimized	
Power supply	2 x 1600 W 80 PLUS Platinum efficient (1+1 redundant)	

Microsoft® Windows® Storage Server 2012 R2

With a longstanding partnership, Acer and Microsoft continue to innovate new solutions for customers seeking intuitive, manageable storage facilities. Windows Storage Server 2012 (WSS 2012) has revitalized the functionality of previous versions of Storage Server to create a robust interface capable of running as an iSCSI SAN, NFS NAS or as an SMB NAS for Windows environments. With improvements for high-availability and hardware failover, and additional JBOD support, Acer servers with Windows Storage Server 2012 can function as a scalable SAN or NAS that can grow with our clients' data centers.

For small- and medium-sized companies just beginning to centralize their data, Acer's tower servers or rack servers can be deployed with up to 48 TB of capacity and leverage WSS 2012 workgroup — a single-node deployment. For larger companies, or organizations with a more intricate data set, WSS 2012 Standard can be deployed for a group of Acer servers that can scale up to 64 nodes plus JBODs to provide an extreme amount of capacity with failover functionality.

For more information about Microsoft® Windows® Storage Server 2012 please see http://www.microsoft.com/storageserver.

Acer DAS (Direct-Attached Storage)

Model	Altos S140
Product Photo	
CAPACITY	
Max. raw capacity	48 TB
Drives supported	LFF (3.5") 7200 rpm SAS SFF (2.5") 10,000 rpm SAS SFF (2.5") 15,000 rpm SAS SFF (2.5") SSD
Max. drives	24 SFF or 12 LFF
Disk expansion trays	2U: 24 SFF (2.5") 2U: 12 LFF (3.5")

* - requires LSI® MegaRAID® 9286 RAID controller.

Enterprise-class options grow with your business

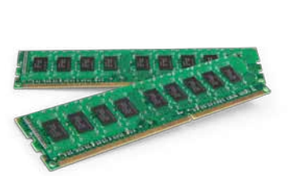
Acer, together with key server component suppliers, delivers enterprise-level server options with outstanding quality, reliability and performance — all at competitive prices. These components have undergone rigorous validation processes and comply with stringent compatibility standards, enabling Acer to provide premium server systems and server options.

Processors

Acer offers top-brand energy-efficient processors with superior performance for its servers. Featuring top names such as Intel® Xeon® and AMD Opteron™ processors, our server lineup provides optimum reliability and scalability and fits a wide range of Acer server customers who demand the best performance.

Hard disk drives

Acer hard disk drives deliver reliability, flexibility, performance and technologies to enterprise customers. Offering both 2.5" and 3.5" form factors in three different drive types — SATA, SAS and SSD — Acer servers with certified HDDs are here to protect your information assets.



DDR3 memory

Acer offers powerful DDR3 memory with full compatibility and ample bandwidth for Acer servers, supporting virtualization applications, database management, transaction processing and more. DDR3 memory delivers high server performance with less power consumption, even for applications requiring large amounts of memory. Acer offers registered DDR3 DIMMs with error correction for reliability and performance, plus unbuffered DIMMs for a balanced price-performance ratio.

Intel® Ethernet network adapters

Acer provides a wide range of Intel® Ethernet network adapters for top-of-the-line responsiveness. These high-performance network cards offer bandwidth from 10/100 Mbps to 10 Gbps with both copper and Fibre Channel connectivity. With Base-T to SFP+, Acer's LAN card options allow users to connect to networks over a wide range of distances, from 1 meter to 10 kilometers, and are available in single-, dual- and quad-port configurations.

RAID units

A key element in our quest to provide the best of server systems and server options together is our RAID lineup. Acer's add-on RAID card options offer premium functions and technologies for I/O performance that goes far beyond creating RAID data storage.

Fibre Channel Host Bus Adapters

As a key element in our lineup of enterprise-level server options, Acer offers both single-port and dual-port Fibre Channel Host Bus Adapters (FC HBAs). Both the single-port QLE2560 and dual-port QLE2562 FC HBAs offer next-generation 8 Gb Fibre Channel technology to meet the business requirements of enterprise data centers.

Tape backup units

In addition to offering quality storage and server products, Acer helps you secure your business data for the long term with tape backup units (TBUs) for companies of any size. TBUs provide the ultimate level of data protection by enabling you to store or backup information into remote, offline tape media cartridges. With TBUs, you can rest assured that no matter what happens to your IT environment, your information is safely stored.

Power supply units

Each Acer power supply unit (PSU) complies with industry-recognized standards, including the Climate Savers® Computing Initiative and 80 PLUS®. This ensures high reliability and improved power delivery, whether the server is installed in a branch office or a large data center.

Graphics cards and coprocessors

Acer supports graphics cards, GPGPUs and coprocessors on select server systems to enhance high-performance computing or remote workstation/desktop solutions. Leveraging the extreme core counts of these cards, users can achieve excellent performance for multiple users in a single machine, or reach new levels of supercomputing performance.

Windows Server 2012

Windows ROK

Acer offers its own Windows Server 2012, and legacy options for customers looking to purchase Windows Server licenses along with a new system purchase or upgrade. Windows Server 2012 redefines the server category, delivering hundreds of new features and enhancements spanning virtualization, networking, storage, user experience, cloud computing, automation, and more.

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